16 December 2014 **ASX Release**

Unity Mining Limited
ABN 61 005 674 073

Corporate Details:

ASX Code: UML

Issued capital:
1133M ord. shares
21.7M unlisted Perf. Rights

Substantial Shareholders:
Moly Mines Ltd 196.5M (17.3%)
LionGold Corp 117.1M (10.3%)

Directors:
Non-Executive Chairman:
Clive Jones
Managing Director:
Andrew McIlwain
Non-Executive Directors:
Ronnie Beevor
Gary Davison

Contact Details:

Unity Mining Limited
Level 10
350 Collins St
Melbourne
Victoria 3000
Australia

Tel: +61 (0)3 8622 2300
Fax: +61 (0)3 8622 2399

Email:
info@unitymining.com.au

Website:
www.unitymining.com.au

NSW Exploration update - Booth's Reward

Unity Mining Limited (ASX:UML) (Unity or the Company) is pleased to provide an update on recent exploration drilling at its Booth's Reward prospect in NSW.

The drilling program was undertaken in order to test for the continuity of mineralisation along any of the potentially mineralised structures in the area. Evidence for gold mineralisation comes from numerous historic workings, and from intersections of significance in earlier drilling campaigns by Hibernia and Moly Mines. These previous intersections included 10 m at 3.6 g/t Au (including 1 m at 25.8 g/t Au) and 5 m at 7 g/t Au (including 1 m at 21.8 g/t Au) in BRD 13 and 4 m at 22 g/t (including 1 m at 88 g/t in BRRC 5).

Assay results from Unity's six-hole 567 m RC drilling program at Booth's Reward were recently returned. The best intersection was in BRRC 16, being 20 m at 2 g/t Au, from 73-93 m, including **3 m at 6.6 g/t Au**, from 73-76 m and **1 m at 12.5 g/t** Au, from 92-93 m.

All quoted measurements are down hole lengths. Where samples have been aggregated, an explanation of the technique used is in Table 1. All raw assay data is reported in the assay table below.

The position of this intersection provides additional evidence for a structure which strikes NW-SE, and is the primary control on mineralisation. This structure is visible in prospect-scale magnetic images and is within a large, regional-scale structure which cross-cuts the main geological strike direction and is discernible in regional aeromagnetic images (See plan below and cross-section on following page).

The target area remains open up-dip, down-dip and along strike in both directions and provides strong encouragement for further drilling.

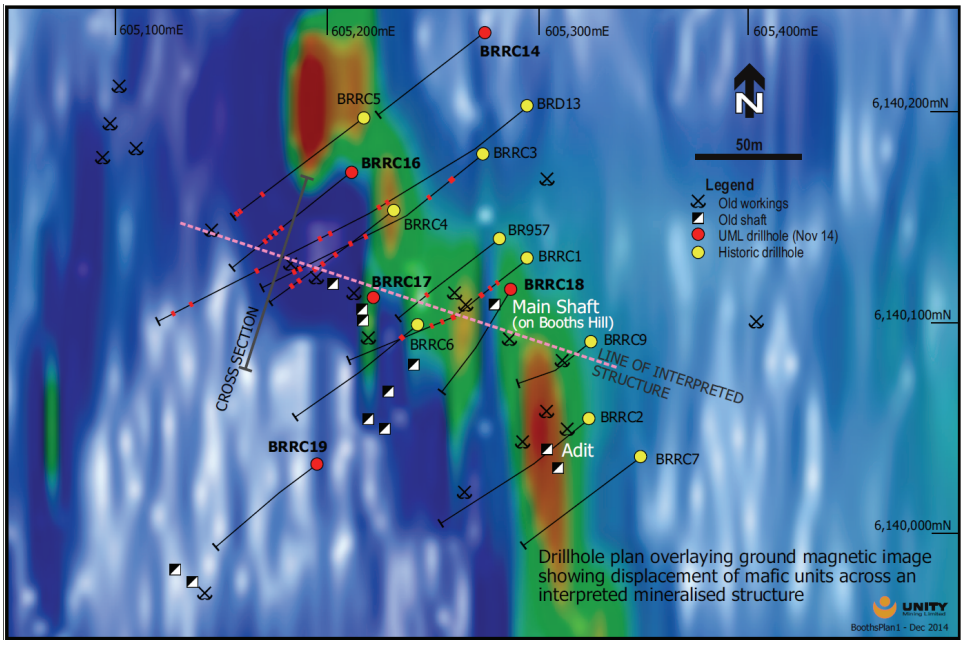

Figure1. Plan view diagram. Note that BRRC 15, not shown on this plan, is located 200m NNW of BRRC 14. All collar and survey data is provided in the tables in the appendix.

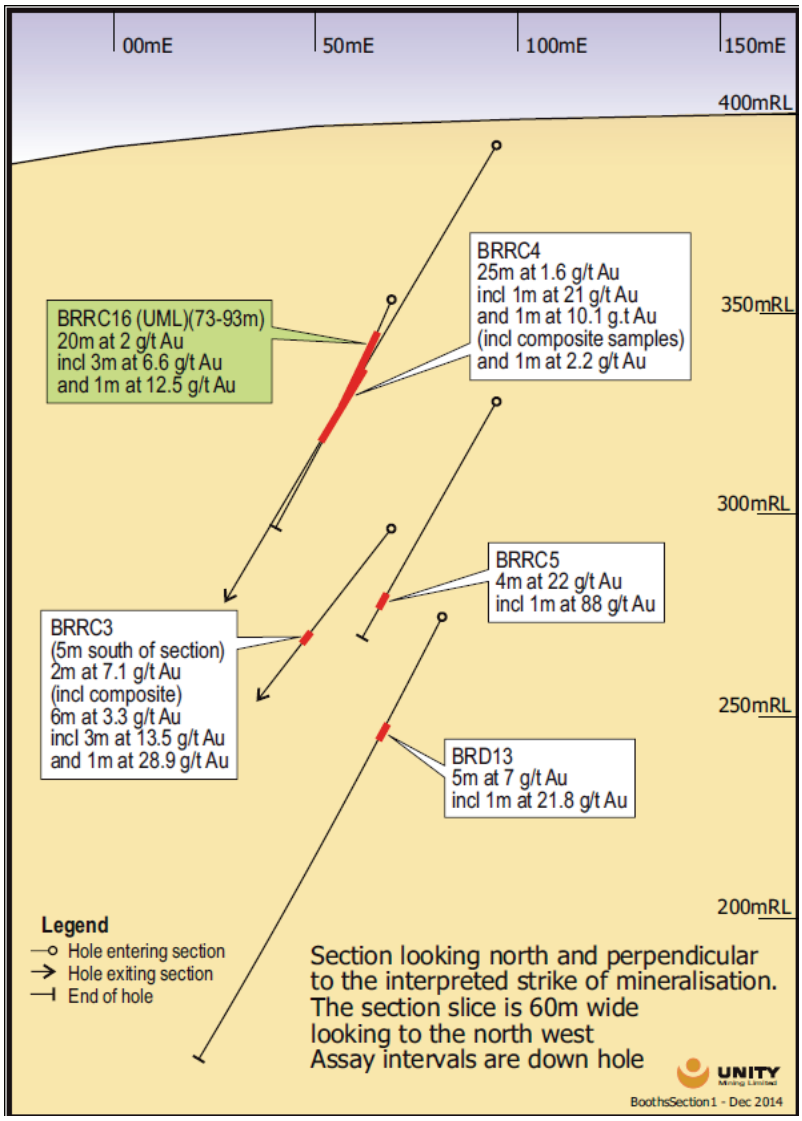

Figure 2: Cross-section diagram

Please note that as this is the first time that Unity Mining has reported historic drilling results in relation to the Booth's Reward prospect, the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ('the JORC Code') requires a high level of disclosure in relation to these historic results. The historic results together with the results on Unity's recent drilling program, are detailed in the following tables.

Competent Persons' Statement

Any information in this public report that relates to Ore Reserves, Mineral Resources or Exploration Results is based on, and accurately reflects, information compiled by Rob Mclean in relation to Ore Reserves at Henty and Dargues, Raul Hollinger in relation to Mineral Resources at Henty, John Collier in relation to Mineral Resources at Dargues and Angela Lorrigan in relation to Exploration Results. McLean, Hollinger and Lorrigan are Members of the Australasian Institute of Mining and Metallurgy, and Lorrigan, Collier and Hollinger are Members of the Australian Institute of Geoscientists. McLean, Collier, Hollinger and Lorrigan are or were at the time of preparing the reports full time employees of the Company and have more than five years' experience in the style of mineralisation and type of deposit under consideration and to the activity which they undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. McLean, Hollinger, Collier and Lorrigan have given prior written consent, where required, to the inclusion in this report of the matters based on their respective information, where applicable, in the form and context in which it appears.

Table A. Collar Locations of all drill holes in the Booth's area. BRRC 15, drilled recently by UML lies to the north of the location map shown in Figure 1.

DataSet	Hole_ID	HoleType	Tenement	RL	Eoh_Depth	MGAEast	MGANorth
BoothsHistoric	BRDD013	D	EL6012	405	336.29	605407	6140386
BoothsHistoric	BRRC001	RC	EL6012	405	180	605407	6140314
BoothsHistoric	BRRC002	RC	EL6012	390	164	605437	6140239
BoothsHistoric	BRRC003	RC	EL6012	405	198	605386	6140364
BoothsHistoric	BRRC004	RC	EL6012	398	143	605344	6140338
BoothsHistoric	BRRC005	RC	EL6012	398	153	605330	6140382
BoothsHistoric	BRRC006	RC	EL6012	398	135	605355	6140283
BoothsHistoric	BRRC007	RC	EL6012	390	126	605461	6140221
BoothsHistoric	BRRC008	RC	EL6012	365	160	605181	6140061
BoothsHistoric	BRRC009	RC	EL6012	398	80	605438	6140275
BoothsHistoric	BRRC010	RC	EL6012	355	163	605245	6139891
BoothsHistoric	BR1	RC	EL6012	350	105	605084	6139958
BoothsHistoric	BR957	RC	EL6012	405	109	605394	6140324
BoothsUML	BRRC14	RC	EL6012	407	112	605387	6140422
BoothsUML	BRRC15	RC	EL6012	420	100	605277	6140508
BoothsUML	BRRC16	RC	EL6012	404	130	605324	6140356
BoothsUML	BRRC17	RC	EL6012	399	7	605334	6140296
BoothsUML	BRRC18	RC	EL6012	401	100	605399	6140300
BoothsUML	BRRC19	RC	EL6012	393	120	605308	6140217

Table B. Drill hole surveys – Booth's Reward

Hole_ID	RL	Depth	Dip	AmgAzimuth	MagAzimuth	Remarks
BRDD013	407.3	0	-55	232	220	COLLAR
BRDD013		30	-54	233	221	OPEN HOLE
BRDD013		60	-54	236	224	OPEN HOLE
BRDD013		100	-54	238	226	OPEN HOLE
BRDD013		150	-53	241	229	OPEN HOLE
BRDD013		200	-53	243	231	OPEN HOLE
BRDD013		250	-52	242	230	OPEN HOLE
BRDD013		305	-50	243	231	OPEN HOLE
BRRC001	407.52	0	-60	232	220	COLLAR
BRRC001		173	-54	247	235	IN ROD
BRRC002	391.1	0	-60	232	220	COLLAR
BRRC002		156	-56	237	225	IN ROD
BRRC003	407.31	0	-60	232	220	COLLAR
BRRC003		192	-42	243	231	IN ROD
BRRC004	400	0	-60	232	220	COLLAR

BRRC004		143	-54	235	223	OPEN HOLE
BRRC005	400	0	-60	232	220	COLLAR
BRRC005		153	-55	233	221	OPEN HOLE
BRRC006	406.31	0	-60	232	220	COLLAR
BRRC006		135	-52	234	222	OPEN HOLE
BRRC007	388.42	0	-60	232	220	COLLAR
BRRC007		108	-52	233	221	OPEN HOLE
BRRC008	356.04	0	-60	252	240	COLLAR
BRRC008		160	-42	276	264	OPEN HOLE
BRRC009	396.02	0	-60	232	220	COLLAR
BRRC009		80	-58	248	236	OPEN HOLE
BRRC010	331.47	0	-60	256	244	COLLAR
BRRC010		162	-42	277	265	OPEN HOLE
BR1	330	0	-51	60	70	COLLAR
BR1		100	-51	60	70	
BR957	407.56	0	-54	232	220	COLLAR
BR957		100	-54	232	220	
BRRC14	407	0	-55	232	220	COLLAR
BRRC15	420	0	-55	232	220	COLLAR
BRRC15		100	-55	229	217	EOH
BRRC16	401	0	-54	232	220	COLLAR
BRRC16		130	-56.7	229.2	217.2	EOH
BRRC17	399	0	-55	229	217	COLLAR
BRRC18		0	-50	210	199	COLLAR
BRRC18		100	-57	217	206	EOH
BRRC19	393	0	-55	232	220	COLLAR
BRRC19		120	-60.6	229	217	EOH

Table C. Gold assays for Booths Reward drill holes.

Hole_Id	depth_from	depth_to	Au
BRDD013	2	3	0.04
BRDD013	3	4	0.02
BRDD013	4	5	0.02
BRDD013	5	6	0.02
BRDD013	6	7	-0.01
BRDD013	7	8	0.02
BRDD013	8	9	0.01
BRDD013	9	10	0.02
BRDD013	10	11	-0.01
BRDD013	11	12	0.01
BRDD013	12	13	-0.01
BRDD013	13	14	0.01
BRDD013	14	15	-0.01

BRDD013	15	16	0.03
BRDD013	16	17	1.24
BRDD013	17	18	0.29
BRDD013	18	19	0.02
BRDD013	19	20	0.01
BRDD013	20	21	0.03
BRDD013	21	22	0.23
BRDD013	22	23	0.86
BRDD013	23	24	0.01
BRDD013	24	25	-0.01
BRDD013	25	26	-0.01
BRDD013	26	27	-0.01
BRDD013	27	28	-0.01
BRDD013	28	29	-0.01
BRDD013	29	30	-0.01
BRDD013	30	31	-0.01
BRDD013	31	32	-0.01
BRDD013	32	33	-0.01
BRDD013	33	34	-0.01
BRDD013	34	35	-0.01
BRDD013	35	36	-0.01
BRDD013	36	37	-0.01
BRDD013	37	38	-0.01
BRDD013	38	39	-0.01
BRDD013	39	40	-0.01
BRDD013	40	41	-0.01
BRDD013	41	42	0.01
BRDD013	42	43	2.67
BRDD013	43	44	-0.01
BRDD013	44	45	-0.01
BRDD013	45	46	-0.01
BRDD013	46	47	-0.01
BRDD013	47	48	-0.01
BRDD013	48	49	-0.01
BRDD013	49	50	-0.01
BRDD013	50	51	-0.01
BRDD013	51	52	-0.01
BRDD013	52	53	-0.01
BRDD013	53	54	-0.01
BRDD013	54	55	-0.01
BRDD013	55	56	-0.01
BRDD013	56	57	-0.01
BRDD013	57	58	-0.01
BRDD013	58	59	-0.01
BRDD013	59	60	-0.01
BRDD013	60	61	-0.01
BRDD013	61	62	-0.01
BRDD013	62	63	-0.01
BRDD013	63	64	-0.01
BRDD013	64	65	-0.01
BRDD013	65	66	-0.01

BRDD013	66	67	-0.01
BRDD013	67	68	-0.01
BRDD013	68	69	0.11
BRDD013	69	70	0.94
BRDD013	70	71	0.19
BRDD013	71	72	0.03
BRDD013	72	73	1.52
BRDD013	73	74	-0.01
BRDD013	74	75	-0.01
BRDD013	75	76	-0.01
BRDD013	76	77	-0.01
BRDD013	77	78	-0.01
BRDD013	78	79	-0.01
BRDD013	79	80	-0.01
BRDD013	80	81	-0.01
BRDD013	81	82	-0.01
BRDD013	82	83	-0.01
BRDD013	83	84	-0.01
BRDD013	84	85	-0.01
BRDD013	85	86	-0.01
BRDD013	86	87	-0.01
BRDD013	87	88	-0.01
BRDD013	88	89	-0.01
BRDD013	89	90	-0.01
BRDD013	90	91	-0.01
BRDD013	91	92	-0.01
BRDD013	92	93	-0.01
BRDD013	93	94	-0.01
BRDD013	94	95	-0.01
BRDD013	95	96	-0.01
BRDD013	96	97	0.38
BRDD013	97	98	0.02
BRDD013	98	99	0.02
BRDD013	99	100	0.01
BRDD013	100	101	-0.01
BRDD013	101	102	-0.01
BRDD013	102	103	-0.01
BRDD013	103	104	-0.01
BRDD013	104	105	-0.01
BRDD013	105	106	-0.01
BRDD013	106	107	-0.01
BRDD013	107	108	-0.01
BRDD013	108	109	0.01
BRDD013	109	110	-0.01
BRDD013	110	111	-0.01
BRDD013	111	112	-0.01
BRDD013	112	113	0.22
BRDD013	113	114	0.01
BRDD013	114	115	0.17
BRDD013	115	116	-0.01
BRDD013	116	117	-0.01

BRDD013	117	118	-0.01
BRDD013	118	119	-0.01
BRDD013	119	120	-0.01
BRDD013	120	121	-0.01
BRDD013	121	122	-0.01
BRDD013	122	123	-0.01
BRDD013	123	124	0.01
BRDD013	124	125	-0.01
BRDD013	125	126	0.01
BRDD013	126	127	-0.01
BRDD013	127	128	-0.01
BRDD013	128	129	-0.01
BRDD013	129	130	0.01
BRDD013	130	131	0.6
BRDD013	131	132	0.04
BRDD013	132	133	0.09
BRDD013	133	134	0.01
BRDD013	134	135	0.06
BRDD013	135	136	1.12
BRDD013	136	137	25.8
BRDD013	137	138	0.33
BRDD013	138	139	0.01
BRDD013	139	140	-0.01
BRDD013	140	141	0.02
BRDD013	141	142	0.07
BRDD013	142	143	0.25
BRDD013	143	144	2.25
BRDD013	144	145	6.34
BRDD013	145	146	0.09
BRDD013	146	147	-0.01
BRDD013	147	148	-0.01
BRDD013	148	149	-0.01
BRDD013	149	150	0.02
BRDD013	150	151	0.01
BRDD013	151	152	-0.01
BRDD013	152	153	0.01
BRDD013	153	154	0.02
BRDD013	154	155	-0.01
BRDD013	155	156	0.42
BRDD013	156	157	-0.01
BRDD013	157	158	-0.01
BRDD013	158	159	-0.01
BRDD013	159	160	-0.01
BRDD013	160	161	0.01
BRDD013	161	162	0.03
BRDD013	162	163	0.08
BRDD013	163	164	-0.01
BRDD013	164	165	0.02
BRDD013	165	166	0.01
BRDD013	166	167	0.01
BRDD013	167	168	-0.01

BRDD013	168	169	-0.01
BRDD013	169	170	-0.01
BRDD013	170	171	-0.01
BRDD013	171	172	0.88
BRDD013	172	173	0.01
BRDD013	173	174	-0.01
BRDD013	174	175	0.07
BRDD013	175	176	-0.01
BRDD013	176	177	0.15
BRDD013	177	178	0.02
BRDD013	178	179	-0.01
BRDD013	179	180	0.02
BRDD013	180	181	0.01
BRDD013	181	182	-0.01
BRDD013	182	183	-0.01
BRDD013	183	184	0.01
BRDD013	184	185	-0.01
BRDD013	185	186	-0.01
BRDD013	186	187	0.01
BRDD013	187	188	5.7
BRDD013	188	189	0.02
BRDD013	189	190	0.07
BRDD013	190	191	0.16
BRDD013	191	192	0.03
BRDD013	192	193	0.06
BRDD013	193	194	0.05
BRDD013	194	195	-0.01
BRDD013	195	196	7.23
BRDD013	196	197	21.8
BRDD013	197	198	4.05
BRDD013	198	199	0.44
BRDD013	199	200	1.74
BRDD013	200	201	0.37
BRDD013	201	202	0.27
BRDD013	202	203	0.01
BRDD013	203	204	0.16
BRDD013	204	205	0.01
BRDD013	205	206	0.01
BRDD013	206	207	0.01
BRDD013	207	208	-0.01
BRDD013	208	209	0.01
BRDD013	209	210	0.03
BRDD013	210	211	-0.01
BRDD013	211	212	-0.01
BRDD013	212	213	-0.01
BRDD013	213	214	-0.01
BRDD013	214	215	-0.01
BRDD013	215	216	-0.01
BRDD013	216	217	-0.01
BRDD013	217	218	-0.01
BRDD013	218	219	-0.01

BRDD013	219	220	-0.01
BRDD013	220	221	-0.01
BRDD013	221	222	-0.01
BRDD013	222	223	-0.01
BRDD013	223	224	-0.01
BRDD013	224	225	-0.01
BRDD013	225	226	-0.01
BRDD013	226	227	-0.01
BRDD013	227	228	-0.01
BRDD013	228	229	-0.01
BRDD013	229	230	0.06
BRDD013	230	231	0.05
BRDD013	231	232	-0.01
BRDD013	232	233	-0.01
BRDD013	233	234	-0.01
BRDD013	234	235	-0.01
BRDD013	235	236	-0.01
BRDD013	236	237	-0.01
BRDD013	237	238	0.57
BRDD013	238	239	-0.01
BRDD013	239	240	0.44
BRDD013	240	241	-0.01
BRDD013	241	242	-0.01
BRDD013	242	243	-0.01
BRDD013	243	244	0.01
BRDD013	244	245	-0.01
BRDD013	245	246	-0.01
BRDD013	246	247	0.01
BRDD013	247	248	0.01
BRDD013	248	249	0.01
BRDD013	249	250	-0.01
BRDD013	250	251	-0.01
BRDD013	251	252	0.1
BRDD013	252	253	3.81
BRDD013	253	254	0.01
BRDD013	254	255	0.01
BRDD013	255	256	-0.01
BRDD013	256	257	-0.01
BRDD013	257	258	0.13
BRDD013	258	259	0.01
BRDD013	259	260	-0.01
BRDD013	260	261	0.01
BRDD013	261	262	-0.01
BRDD013	262	263	0.01
BRDD013	263	264	0.01
BRDD013	264	265	0.02
BRDD013	265	266	-0.01
BRDD013	266	267	0.06
BRDD013	267	268	0.03
BRDD013	268	269	0.01
BRDD013	269	270	0.02

BRDD013	270	271	-0.01
BRDD013	271	272	-0.01
BRDD013	272	273	-0.01
BRDD013	273	274	0.03
BRDD013	274	275	-0.01
BRDD013	275	276	-0.01
BRDD013	276	277	-0.01
BRDD013	277	278	-0.01
BRDD013	278	279	0.14
BRDD013	279	280	0.03
BRDD013	280	281	0.04
BRDD013	281	282	0.16
BRDD013	282	283	0.02
BRDD013	283	284	0.03
BRDD013	284	285	0.02
BRDD013	285	286	0.57
BRDD013	286	287	0.15
BRDD013	287	288	0.07
BRDD013	288	289	0.01
BRDD013	289	290	0.01
BRDD013	290	291	0.01
BRDD013	291	292	0.03
BRDD013	292	293	-0.01
BRDD013	293	294	-0.01
BRDD013	294	295	-0.01
BRDD013	295	296	-0.01
BRDD013	296	297	-0.01
BRDD013	297	298	0.16
BRDD013	298	299	-0.01
BRDD013	299	300	0.01
BRDD013	300	301	0.01
BRDD013	301	302	0.01
BRDD013	302	303	0.04
BRDD013	303	304	0.03
BRDD013	304	305	0.07
BRDD013	305	306	0.13
BRDD013	306	307	4.22
BRDD013	307	308	0.02
BRDD013	308	309	0.01
BRDD013	309	310	0.01
BRDD013	310	311	-0.01
BRDD013	311	312	-0.01
BRDD013	312	313	0.32
BRDD013	313	314	-0.01
BRDD013	314	315	-0.01
BRDD013	315	316	-0.01
BRDD013	316	317	-0.01
BRDD013	317	318	-0.01
BRDD013	318	319	-0.01
BRDD013	319	320	-0.01
BRDD013	320	321	-0.01

BRDD013	321	321.5	27.6
BRDD013	321.5	322	-0.01
BRDD013	322	323	-0.01
BRDD013	323	324	0.01
BRDD013	324	325	-0.01
BRDD013	325	326	-0.01
BRDD013	326	327	-0.01
BRDD013	327	328	-0.01
BRDD013	328	329	-0.01
BRDD013	329	330	-0.01
BRDD013	330	331	-0.01
BRDD013	331	332	-0.01
BRDD013	332	333	-0.01
BRDD013	333	334	0.08
BRDD013	334	335	-0.01
BRDD013	335	336.29	-0.01
BRRC001	0	2	-0.01
BRRC001	2	4	-0.01
BRRC001	4	5	0.01
BRRC001	5	6	-0.01
BRRC001	6	7	-0.01
BRRC001	7	9	-0.01
BRRC001	9	11	0.01
BRRC001	11	12	0.14
BRRC001	12	14	-0.01
BRRC001	14	15	-0.01
BRRC001	15	16	-0.01
BRRC001	16	17	-0.01
BRRC001	17	19	-0.01
BRRC001	19	21	-0.01
BRRC001	21	23	-0.01
BRRC001	23	25	-0.01
BRRC001	25	27	0.01
BRRC001	27	29	0.26
BRRC001	29	30	-0.01
BRRC001	30	31	0.02
BRRC001	31	32	0.08
BRRC001	32	34	0.04
BRRC001	36	38	0.05
BRRC001	38	40	0.05
BRRC001	40	42	0.01
BRRC001	42	44	0.28
BRRC001	44	45	3.5
BRRC001	45	47	0.06
BRRC001	47	49	0.01
BRRC001	49	51	0.05
BRRC001	51	53	0.68
BRRC001	55	57	0.39
BRRC001	57	58	-0.01
BRRC001	58	59	-0.01
BRRC001	59	60	0.46

BRRC001	60	61	0.06
BRRC001	61	62	0.02
BRRC001	62	63	0.04
BRRC001	63	64	0.02
BRRC001	64	65	0.03
BRRC001	65	66	0.2
BRRC001	66	67	0.06
BRRC001	67	68	-0.01
BRRC001	68	69	0.04
BRRC001	69	70	0.05
BRRC001	70	71	0.02
BRRC001	71	72	0.01
BRRC001	72	73	0.01
BRRC001	73	74	0.03
BRRC001	74	75	0.01
BRRC001	75	76	0.01
BRRC001	76	77	0.01
BRRC001	77	78	0.02
BRRC001	78	79	0.02
BRRC001	79	80	0.02
BRRC001	80	81	0.01
BRRC001	81	82	0.01
BRRC001	82	83	0.04
BRRC001	83	84	-0.01
BRRC001	84	85	0.02
BRRC001	85	86	0.9
BRRC001	86	87	2.94
BRRC001	87	88	0.52
BRRC001	88	89	20
BRRC001	89	90	0.19
BRRC001	90	92	0.32
BRRC001	92	94	0.49
BRRC001	94	96	0.05
BRRC001	98	100	0.02
BRRC001	100	102	0.04
BRRC001	102	104	-0.01
BRRC001	104	106	0.01
BRRC001	106	107	-0.01
BRRC001	108	109	-0.01
BRRC001	109	111	-0.01
BRRC001	111	113	-0.01
BRRC001	113	115	0.01
BRRC001	115	117	-0.01
BRRC001	117	119	0.01
BRRC001	119	121	-0.01
BRRC001	121	123	-0.01
BRRC001	123	125	0.05
BRRC001	125	127	-0.01
BRRC001	127	129	-0.01
BRRC001	129	131	-0.01
BRRC001	131	133	-0.01

BRRC001	133	135	-0.01
BRRC001	135	137	-0.01
BRRC001	137	139	-0.01
BRRC001	139	141	0.2
BRRC001	141	143	-0.01
BRRC001	143	145	-0.01
BRRC001	145	147	-0.01
BRRC001	147	149	-0.01
BRRC001	149	151	-0.01
BRRC001	151	153	-0.01
BRRC001	153	155	-0.01
BRRC001	155	157	-0.01
BRRC001	157	159	-0.01
BRRC001	159	160	-0.01
BRRC001	160	161	-0.01
BRRC001	161	162	-0.01
BRRC001	162	163	-0.01
BRRC001	163	164	-0.01
BRRC001	164	165	-0.01
BRRC001	165	167	-0.01
BRRC001	167	169	0.04
BRRC001	169	171	0.02
BRRC001	171	173	0.9
BRRC001	173	175	-0.01
BRRC001	175	177	-0.01
BRRC001	177	179	-0.01
BRRC001	34	35	0.1
BRRC001	35	36	5.4
BRRC001	53	54	0.23
BRRC001	54	55	12.4
BRRC001	96	97	0.03
BRRC001	97	98	4.6
BRRC001	107	108	3.81
BRRC002	0	2	0.01
BRRC002	2	4	0.01
BRRC002	4	6	0.02
BRRC002	6	8	0.01
BRRC002	8	10	0.09
BRRC002	10	12	0.27
BRRC002	12	14	0.34
BRRC002	14	16	0.01
BRRC002	16	18	-0.01
BRRC002	18	20	-0.01
BRRC002	20	22	0.01
BRRC002	22	24	0.01
BRRC002	24	26	-0.01
BRRC002	26	28	-0.01
BRRC002	28	30	-0.01
BRRC002	30	32	-0.01
BRRC002	32	34	-0.01
BRRC002	36	38	0.01

BRRC002	38	40	0.07
BRRC002	40	42	0.07
BRRC002	42	44	0.28
BRRC002	44	46	0.02
BRRC002	46	48	-0.01
BRRC002	48	50	0.02
BRRC002	50	52	0.24
BRRC002	52	54	0.09
BRRC002	54	56	0.12
BRRC002	56	58	0.01
BRRC002	58	60	0.03
BRRC002	60	62	0.76
BRRC002	62	64	0.53
BRRC002	64	66	-0.01
BRRC002	66	68	-0.01
BRRC002	68	70	-0.01
BRRC002	70	71	-0.01
BRRC002	71	72	-0.01
BRRC002	72	73	-0.01
BRRC002	73	74	-0.01
BRRC002	74	76	-0.01
BRRC002	76	78	-0.01
BRRC002	78	79	0.01
BRRC002	79	80	0.17
BRRC002	80	81	0.01
BRRC002	81	82	0.01
BRRC002	82	83	-0.01
BRRC002	83	84	0.02
BRRC002	84	85	0.03
BRRC002	85	86	0.14
BRRC002	86	87	0.55
BRRC002	87	88	0.04
BRRC002	88	89	-0.01
BRRC002	89	90	0.04
BRRC002	90	91	0.03
BRRC002	91	92	0.01
BRRC002	92	93	0.01
BRRC002	93	94	0.01
BRRC002	94	96	-0.01
BRRC002	96	98	-0.01
BRRC002	98	99	-0.01
BRRC002	99	100	0.01
BRRC002	100	102	-0.01
BRRC002	102	104	0.02
BRRC002	104	106	-0.01
BRRC002	106	108	0.01
BRRC002	108	109	0.02
BRRC002	109	111	-0.01
BRRC002	111	113	0.01
BRRC002	113	115	0.01
BRRC002	115	117	0.01

BRRC002	117	119	0.01
BRRC002	119	121	-0.01
BRRC002	121	122	-0.01
BRRC002	122	123	-0.01
BRRC002	123	124	0.01
BRRC002	124	126	-0.01
BRRC002	126	128	-0.01
BRRC002	128	130	-0.01
BRRC002	130	132	0.01
BRRC002	132	134	0.01
BRRC002	134	136	-0.01
BRRC002	136	137	-0.01
BRRC002	137	139	-0.01
BRRC002	139	140	0.01
BRRC002	140	141	-0.01
BRRC002	141	142	-0.01
BRRC002	142	143	-0.01
BRRC002	143	144	-0.01
BRRC002	144	145	-0.01
BRRC002	145	146	-0.01
BRRC002	146	148	-0.01
BRRC002	148	150	-0.01
BRRC002	150	152	-0.01
BRRC002	152	154	-0.01
BRRC002	154	156	-0.01
BRRC002	156	158	-0.01
BRRC002	158	160	-0.01
BRRC002	160	162	-0.01
BRRC002	34	35	0.64
BRRC002	35	36	6.61
BRRC003	0	2	-0.01
BRRC003	2	4	-0.01
BRRC003	4	6	-0.01
BRRC003	6	8	0.01
BRRC003	8	10	-0.01
BRRC003	10	12	-0.01
BRRC003	12	14	-0.01
BRRC003	14	16	-0.01
BRRC003	16	18	-0.01
BRRC003	18	20	-0.01
BRRC003	20	22	-0.01
BRRC003	22	24	-0.01
BRRC003	24	26	-0.01
BRRC003	26	28	-0.01
BRRC003	28	30	-0.01
BRRC003	30	32	-0.01
BRRC003	32	34	-0.01
BRRC003	42	44	-0.01
BRRC003	44	46	-0.01
BRRC003	46	48	-0.01
BRRC003	48	50	-0.01

BRRC003	50	52	-0.01
BRRC003	52	54	-0.01
BRRC003	54	56	-0.01
BRRC003	56	58	-0.01
BRRC003	58	59	-0.01
BRRC003	59	60	-0.01
BRRC003	60	62	-0.01
BRRC003	62	64	-0.01
BRRC003	66	68	-0.01
BRRC003	68	70	-0.01
BRRC003	70	72	-0.01
BRRC003	72	74	-0.01
BRRC003	74	76	-0.01
BRRC003	76	78	-0.01
BRRC003	78	80	-0.01
BRRC003	80	82	-0.01
BRRC003	82	84	-0.01
BRRC003	84	86	-0.01
BRRC003	86	88	-0.01
BRRC003	88	90	-0.01
BRRC003	90	92	-0.01
BRRC003	92	94	-0.01
BRRC003	94	96	-0.01
BRRC003	96	98	0.08
BRRC003	98	100	0.01
BRRC003	100	102	1.3
BRRC003	102	103	0.73
BRRC003	103	104	-0.01
BRRC003	104	106	-0.01
BRRC003	106	108	0.06
BRRC003	108	110	0.04
BRRC003	110	112	0.04
BRRC003	112	114	-0.01
BRRC003	114	116	-0.01
BRRC003	116	118	-0.01
BRRC003	118	120	-0.01
BRRC003	120	122	-0.01
BRRC003	122	123	7.52
BRRC003	123	124	6.73
BRRC003	124	125	0.07
BRRC003	125	127	0.02
BRRC003	127	129	0.36
BRRC003	129	131	0.17
BRRC003	131	133	-0.01
BRRC003	133	134	5.08
BRRC003	134	136	-0.01
BRRC003	136	138	-0.01
BRRC003	138	140	-0.01
BRRC003	140	142	-0.01
BRRC003	142	143	-0.01
BRRC003	143	144	-0.01

BRRC003	144	145	-0.01
BRRC003	145	147	-0.01
BRRC003	147	149	-0.01
BRRC003	149	151	-0.01
BRRC003	151	153	-0.01
BRRC003	153	154	-0.01
BRRC003	154	155	0.03
BRRC003	155	157	0.04
BRRC003	157	159	-0.01
BRRC003	159	161	-0.01
BRRC003	161	163	0.02
BRRC003	163	165	0.04
BRRC003	165	166	0.7
BRRC003	166	168	0.84
BRRC003	170	172	0.14
BRRC003	172	173	11.55
BRRC003	173	174	0.09
BRRC003	174	175	28.9
BRRC003	175	176	0.68
BRRC003	176	177	0.01
BRRC003	177	178	0.87
BRRC003	178	180	0.53
BRRC003	180	182	0.13
BRRC003	182	184	-0.01
BRRC003	184	186	-0.01
BRRC003	186	188	0.02
BRRC003	188	190	-0.01
BRRC003	190	192	-0.01
BRRC003	192	194	-0.01
BRRC003	194	195	-0.01
BRRC003	195	196	-0.01
BRRC003	196	198	0.01
BRRC003	34	35	0.03
BRRC003	35	36	5.96
BRRC003	36	37	0.07
BRRC003	37	38	5.76
BRRC003	38	39	3.22
BRRC003	39	40	0.33
BRRC003	40	41	9.09
BRRC003	41	42	0.77
BRRC003	64	65	8.96
BRRC003	65	66	0.04
BRRC003	168	169	0.03
BRRC003	169	170	8.18
BRRC004	2	3	0.07
BRRC004	3	4	0.21
BRRC004	4	5	0.03
BRRC004	5	7	0.03
BRRC004	7	9	0.02
BRRC004	9	11	0.03
BRRC004	11	13	0.05

BRRC004	13	15	0.04
BRRC004	15	17	0.13
BRRC004	17	19	0.09
BRRC004	19	21	0.03
BRRC004	21	23	0.01
BRRC004	23	25	0.02
BRRC004	25	27	-0.01
BRRC004	27	29	0.01
BRRC004	29	30	0.01
BRRC004	30	31	0.23
BRRC004	31	33	0.03
BRRC004	33	35	-0.01
BRRC004	35	37	0.03
BRRC004	37	39	-0.01
BRRC004	39	41	-0.01
BRRC004	41	42	-0.01
BRRC004	42	43	0.06
BRRC004	43	44	-0.01
BRRC004	44	45	0.01
BRRC004	45	46	-0.01
BRRC004	46	47	-0.01
BRRC004	47	48	-0.01
BRRC004	48	49	0.07
BRRC004	49	50	0.25
BRRC004	50	51	0.08
BRRC004	51	52	0.04
BRRC004	52	53	0.02
BRRC004	53	54	-0.01
BRRC004	54	55	0.37
BRRC004	55	56	-0.01
BRRC004	56	57	0.12
BRRC004	57	58	0.03
BRRC004	58	59	0.06
BRRC004	59	60	0.01
BRRC004	60	61	0.04
BRRC004	61	62	0.22
BRRC004	62	63	-0.01
BRRC004	63	64	-0.01
BRRC004	64	65	-0.01
BRRC004	65	66	0.17
BRRC004	66	67	0.1
BRRC004	67	68	0.07
BRRC004	68	69	-0.01
BRRC004	69	70	3.2
BRRC004	70	71	3.12
BRRC004	71	72	21
BRRC004	72	73	0.13
BRRC004	73	74	0.05
BRRC004	74	75	0.05
BRRC004	75	77	0.04
BRRC004	77	79	0.08

BRRC004	79	81	0.02
BRRC004	81	82	-0.01
BRRC004	82	83	0.31
BRRC004	83	84	1.61
BRRC004	84	85	0.14
BRRC004	85	87	0.05
BRRC004	87	88	0.51
BRRC004	88	89	0.09
BRRC004	89	90	0.08
BRRC004	90	91	0.4
BRRC004	91	92	-0.01
BRRC004	92	93	10.8
BRRC004	93	94	0.44
BRRC004	94	96	0.03
BRRC004	96	98	0.06
BRRC004	98	100	-0.01
BRRC004	100	102	0.07
BRRC004	102	104	-0.01
BRRC004	104	105	0.01
BRRC004	105	106	-0.01
BRRC004	106	107	0.06
BRRC004	107	108	0.01
BRRC004	108	109	-0.01
BRRC004	109	111	0.01
BRRC004	111	113	-0.01
BRRC004	113	115	0.02
BRRC004	115	116	2.18
BRRC004	116	117	0.02
BRRC004	117	118	-0.01
BRRC004	118	119	0.09
BRRC004	119	120	-0.01
BRRC004	120	121	-0.01
BRRC004	121	122	-0.01
BRRC004	122	123	-0.01
BRRC004	123	124	-0.01
BRRC004	124	125	-0.01
BRRC004	125	126	-0.01
BRRC004	126	127	0.01
BRRC004	127	128	0.01
BRRC004	128	130	-0.01
BRRC004	130	131	-0.01
BRRC004	131	132	-0.01
BRRC004	132	133	-0.01
BRRC004	133	134	-0.01
BRRC004	134	135	0.01
BRRC004	135	136	-0.01
BRRC004	136	138	-0.01
BRRC004	138	140	-0.01
BRRC004	140	143	0.01
BRRC005	3	5	0.01
BRRC005	5	7	0.52

BRRC005	7	9	0.06
BRRC005	9	11	0.02
BRRC005	11	13	0.04
BRRC005	13	15	0.02
BRRC005	15	17	0.05
BRRC005	17	19	0.64
BRRC005	19	20	0.06
BRRC005	20	21	-0.01
BRRC005	21	22	-0.01
BRRC005	22	23	0.02
BRRC005	23	24	0.01
BRRC005	24	25	-0.01
BRRC005	25	26	0.04
BRRC005	26	27	0.08
BRRC005	27	28	0.14
BRRC005	28	29	0.05
BRRC005	29	30	0.02
BRRC005	30	31	0.01
BRRC005	31	32	-0.01
BRRC005	32	33	-0.01
BRRC005	33	34	-0.01
BRRC005	34	35	-0.01
BRRC005	35	36	0.17
BRRC005	36	37	-0.01
BRRC005	37	38	-0.01
BRRC005	38	39	-0.01
BRRC005	39	40	-0.01
BRRC005	40	41	-0.01
BRRC005	41	42	-0.01
BRRC005	42	43	-0.01
BRRC005	43	44	0.07
BRRC005	44	45	0.01
BRRC005	45	46	-0.01
BRRC005	46	47	-0.01
BRRC005	47	48	-0.01
BRRC005	48	49	-0.01
BRRC005	49	50	0.01
BRRC005	50	51	0.01
BRRC005	51	52	-0.01
BRRC005	52	53	-0.01
BRRC005	53	54	-0.01
BRRC005	54	55	-0.01
BRRC005	55	56	0.02
BRRC005	56	57	-0.01
BRRC005	57	58	-0.01
BRRC005	58	59	-0.01
BRRC005	59	60	-0.01
BRRC005	60	61	-0.01
BRRC005	61	62	-0.01
BRRC005	62	63	0.01
BRRC005	63	64	0.04

BRRC005	64	65	0.04
BRRC005	65	66	0.01
BRRC005	66	67	0.01
BRRC005	67	68	-0.01
BRRC005	68	69	0.01
BRRC005	69	70	-0.01
BRRC005	70	71	-0.01
BRRC005	71	72	-0.01
BRRC005	72	73	-0.01
BRRC005	73	74	-0.01
BRRC005	74	75	-0.01
BRRC005	75	76	-0.01
BRRC005	76	77	-0.01
BRRC005	77	78	-0.01
BRRC005	78	79	-0.01
BRRC005	79	80	0.03
BRRC005	80	81	0.02
BRRC005	81	82	-0.01
BRRC005	82	83	-0.01
BRRC005	83	84	-0.01
BRRC005	84	85	0.01
BRRC005	85	86	0.01
BRRC005	86	87	-0.01
BRRC005	87	88	0.08
BRRC005	88	89	0.04
BRRC005	89	90	0.09
BRRC005	90	91	-0.01
BRRC005	91	92	-0.01
BRRC005	92	93	-0.01
BRRC005	93	94	-0.01
BRRC005	94	95	-0.01
BRRC005	95	96	-0.01
BRRC005	96	97	-0.01
BRRC005	97	98	-0.01
BRRC005	98	99	0.04
BRRC005	99	100	-0.01
BRRC005	100	102	-0.01
BRRC005	102	103	-0.01
BRRC005	103	104	-0.01
BRRC005	104	105	0.01
BRRC005	105	106	-0.01
BRRC005	106	107	0.01
BRRC005	107	108	0.01
BRRC005	108	109	0.09
BRRC005	109	110	-0.01
BRRC005	110	111	-0.01
BRRC005	111	112	0.07
BRRC005	112	113	-0.01
BRRC005	113	114	-0.01
BRRC005	114	115	-0.01
BRRC005	115	116	2.82

BRRC005	116	117	0.02
BRRC005	117	118	0.02
BRRC005	118	119	0.6
BRRC005	119	120	-0.01
BRRC005	120	121	-0.01
BRRC005	121	122	0.01
BRRC005	122	123	-0.01
BRRC005	123	125	-0.01
BRRC005	125	126	0.06
BRRC005	126	127	0.23
BRRC005	127	129	0.03
BRRC005	129	131	0.02
BRRC005	131	132	0.11
BRRC005	132	133	0.06
BRRC005	133	134	0.01
BRRC005	134	135	-0.01
BRRC005	135	136	0.01
BRRC005	136	137	0.02
BRRC005	137	138	0.02
BRRC005	138	139	0.12
BRRC005	139	140	1.19
BRRC005	140	141	0.15
BRRC005	141	142	0.28
BRRC005	142	143	87.7
BRRC005	143	144	0.04
BRRC005	144	145	0.06
BRRC005	145	147	0.03
BRRC005	147	149	0.05
BRRC005	149	151	0.16
BRRC005	151	153	0.31
BRRC006	0	2	0.06
BRRC006	2	4	0.03
BRRC006	4	6	0.06
BRRC006	6	7	-0.01
BRRC006	7	8	0.01
BRRC006	8	9	0.01
BRRC006	9	10	0.85
BRRC006	10	11	0.03
BRRC006	11	12	0.01
BRRC006	12	13	0.01
BRRC006	13	14	0.2
BRRC006	14	15	0.06
BRRC006	15	16	0.02
BRRC006	16	17	0.09
BRRC006	17	18	11.4
BRRC006	18	19	0.3
BRRC006	19	20	0.52
BRRC006	20	21	7.1
BRRC006	21	22	0.05
BRRC006	22	23	0.01
BRRC006	23	24	0.01

BRRC006	24	25	-0.01
BRRC006	25	26	-0.01
BRRC006	26	27	-0.01
BRRC006	27	28	0.01
BRRC006	28	29	0.04
BRRC006	29	30	-0.01
BRRC006	30	31	-0.01
BRRC006	31	32	-0.01
BRRC006	32	33	-0.01
BRRC006	33	34	0.08
BRRC006	34	35	0.04
BRRC006	35	37	0.08
BRRC006	37	39	0.02
BRRC006	39	41	-0.01
BRRC006	41	43	0.05
BRRC006	43	45	0.05
BRRC006	45	47	0.02
BRRC006	47	49	0.01
BRRC006	49	51	0.28
BRRC006	51	53	0.08
BRRC006	53	55	-0.01
BRRC006	55	57	0.04
BRRC006	57	59	2.23
BRRC006	59	61	0.02
BRRC006	61	63	0.02
BRRC006	63	65	0.04
BRRC006	65	67	-0.01
BRRC006	67	69	0.02
BRRC006	69	71	-0.01
BRRC006	71	73	-0.01
BRRC006	73	75	-0.01
BRRC006	75	77	0.16
BRRC006	77	79	0.01
BRRC006	79	81	0.01
BRRC006	81	83	-0.01
BRRC006	83	85	-0.01
BRRC006	85	87	0.03
BRRC006	87	89	0.01
BRRC006	89	91	0.03
BRRC006	91	93	-0.01
BRRC006	93	95	-0.01
BRRC006	95	97	-0.01
BRRC006	97	99	-0.01
BRRC006	99	101	-0.01
BRRC006	101	103	-0.01
BRRC006	103	105	-0.01
BRRC006	105	107	-0.01
BRRC006	107	109	0.02
BRRC006	109	111	-0.01
BRRC006	111	113	-0.01
BRRC006	113	115	-0.01

BRRC006	115	117	-0.01
BRRC006	117	118	-0.01
BRRC006	118	119	0.01
BRRC006	119	120	0.01
BRRC006	120	121	-0.01
BRRC006	121	122	-0.01
BRRC006	122	123	-0.01
BRRC006	123	125	-0.01
BRRC006	125	127	-0.01
BRRC006	127	129	-0.01
BRRC006	129	131	-0.01
BRRC006	131	133	-0.01
BRRC006	133	135	-0.01
BRRC007	0	2	0.03
BRRC007	2	4	-0.01
BRRC007	4	6	-0.01
BRRC007	6	7	-0.01
BRRC007	7	8	0.02
BRRC007	8	9	0.05
BRRC007	9	10	0.02
BRRC007	10	11	-0.01
BRRC007	11	12	0.08
BRRC007	12	13	0.11
BRRC007	13	14	0.09
BRRC007	14	15	0.01
BRRC007	15	16	-0.01
BRRC007	16	17	-0.01
BRRC007	17	18	0.02
BRRC007	18	20	0.25
BRRC007	20	22	-0.01
BRRC007	22	24	-0.01
BRRC007	24	26	0.02
BRRC007	26	28	-0.01
BRRC007	28	30	-0.01
BRRC007	30	32	0.02
BRRC007	32	34	-0.01
BRRC007	34	36	-0.01
BRRC007	36	38	-0.01
BRRC007	38	40	-0.01
BRRC007	40	42	-0.01
BRRC007	42	44	-0.01
BRRC007	44	46	-0.01
BRRC007	46	48	-0.01
BRRC007	48	50	-0.01
BRRC007	50	52	-0.01
BRRC007	52	54	0.01
BRRC007	54	56	2.4
BRRC007	56	58	0.14
BRRC007	58	60	0.03
BRRC007	60	62	-0.01
BRRC007	62	64	-0.01

BRRC007	64	66	0.03
BRRC007	66	68	-0.01
BRRC007	68	70	-0.01
BRRC007	70	72	-0.01
BRRC007	72	74	-0.01
BRRC007	74	76	-0.01
BRRC007	76	78	-0.01
BRRC007	78	80	-0.01
BRRC007	80	82	0.05
BRRC007	82	83	0.02
BRRC007	83	84	-0.01
BRRC007	84	85	0.01
BRRC007	85	87	0.15
BRRC007	87	88	-0.01
BRRC007	88	90	0.13
BRRC007	90	91	-0.01
BRRC007	91	92	-0.01
BRRC007	92	93	0.01
BRRC007	93	94	0.04
BRRC007	94	95	0.2
BRRC007	95	96	-0.01
BRRC007	96	97	0.01
BRRC007	97	98	0.36
BRRC007	98	99	0.04
BRRC007	99	100	-0.01
BRRC007	100	101	-0.01
BRRC007	101	102	0.01
BRRC007	102	103	-0.01
BRRC007	103	104	-0.01
BRRC007	104	105	-0.01
BRRC007	105	106	-0.01
BRRC007	106	107	-0.01
BRRC007	107	108	-0.01
BRRC007	108	109	-0.01
BRRC007	109	110	-0.01
BRRC007	110	111	-0.01
BRRC007	111	112	0.07
BRRC007	112	113	-0.01
BRRC007	113	114	-0.01
BRRC007	114	115	0.06
BRRC007	115	116	0.04
BRRC007	116	118	0.08
BRRC007	118	120	0.03
BRRC007	120	122	0.02
BRRC007	122	124	0.03
BRRC007	124	126	0.02
BRRC008	0	2	0.01
BRRC008	2	3	0.04
BRRC008	3	4	0.01
BRRC008	4	5	0.02
BRRC008	5	7	0.01

BRRC008	7	9	-0.01
BRRC008	9	11	0.06
BRRC008	11	13	0.01
BRRC008	13	15	0.03
BRRC008	15	17	-0.01
BRRC008	17	19	0.03
BRRC008	19	21	0.01
BRRC008	21	23	-0.01
BRRC008	23	25	-0.01
BRRC008	25	27	0.07
BRRC008	27	29	0.01
BRRC008	29	31	0.06
BRRC008	31	33	0.03
BRRC008	33	35	0.01
BRRC008	35	37	0.06
BRRC008	37	39	0.03
BRRC008	39	41	0.01
BRRC008	41	43	0.01
BRRC008	43	45	0.02
BRRC008	45	47	0.08
BRRC008	47	49	-0.01
BRRC008	49	51	0.01
BRRC008	51	53	0.46
BRRC008	53	55	0.02
BRRC008	55	57	-0.01
BRRC008	57	59	0.01
BRRC008	59	61	0.13
BRRC008	61	63	-0.01
BRRC008	63	65	-0.01
BRRC008	65	67	0.01
BRRC008	67	69	0.02
BRRC008	69	71	0.01
BRRC008	71	73	0.01
BRRC008	73	75	0.01
BRRC008	75	77	0.04
BRRC008	77	79	-0.01
BRRC008	79	81	0.04
BRRC008	81	83	0.01
BRRC008	83	85	0.02
BRRC008	85	87	-0.01
BRRC008	87	89	0.05
BRRC008	89	91	0.06
BRRC008	91	93	0.04
BRRC008	93	95	-0.01
BRRC008	95	96	0.01
BRRC008	96	97	0.05
BRRC008	97	98	0.37
BRRC008	98	99	0.79
BRRC008	99	100	0.18
BRRC008	100	101	0.01
BRRC008	101	102	0.02

BRRC008	102	103	0.01
BRRC008	103	104	0.04
BRRC008	104	105	0.07
BRRC008	105	107	0.05
BRRC008	107	109	0.01
BRRC008	109	111	-0.01
BRRC008	111	112	0.03
BRRC008	112	113	-0.01
BRRC008	113	114	0.01
BRRC008	114	115	0.02
BRRC008	115	116	-0.01
BRRC008	116	117	0.02
BRRC008	117	119	0.05
BRRC008	119	121	-0.01
BRRC008	121	123	0.01
BRRC008	123	125	-0.01
BRRC008	125	127	-0.01
BRRC008	127	129	-0.01
BRRC008	129	131	-0.01
BRRC008	131	132	-0.01
BRRC008	132	133	0.01
BRRC008	133	134	-0.01
BRRC008	134	135	-0.01
BRRC008	135	136	-0.01
BRRC008	136	137	-0.01
BRRC008	137	138	-0.01
BRRC008	138	139	0.02
BRRC008	139	140	-0.01
BRRC008	140	141	0.01
BRRC008	141	142	0.01
BRRC008	142	143	-0.01
BRRC008	143	144	-0.01
BRRC008	144	146	-0.01
BRRC008	146	148	-0.01
BRRC008	148	149	-0.01
BRRC008	149	150	-0.01
BRRC008	150	152	-0.01
BRRC008	152	154	-0.01
BRRC008	154	156	-0.01
BRRC008	156	158	-0.01
BRRC008	158	160	0.01
BRRC009	0	2	0.04
BRRC009	2	4	0.03
BRRC009	4	6	0.02
BRRC009	6	8	0.11
BRRC009	8	10	0.05
BRRC009	10	11	0.05
BRRC009	11	12	0.02
BRRC009	12	13	-0.01
BRRC009	13	14	0.02
BRRC009	14	15	0.03

BRRC009	15	16	0.13
BRRC009	16	17	0.02
BRRC009	17	18	0.03
BRRC009	18	19	-0.01
BRRC009	19	20	0.12
BRRC009	20	21	0.05
BRRC009	21	22	0.15
BRRC009	22	23	0.07
BRRC009	23	24	0.03
BRRC009	24	25	0.03
BRRC009	25	26	0.03
BRRC009	26	27	0.01
BRRC009	27	28	0.02
BRRC009	28	29	-0.01
BRRC009	29	30	-0.01
BRRC009	30	31	0.03
BRRC009	31	32	0.06
BRRC009	32	33	-0.01
BRRC009	33	34	-0.01
BRRC009	34	35	0.28
BRRC009	35	36	-0.01
BRRC009	36	37	0.02
BRRC009	37	38	0.04
BRRC009	38	40	0.01
BRRC009	40	42	0.01
BRRC009	42	43	0.01
BRRC009	43	44	0.18
BRRC009	44	46	0.01
BRRC009	46	47	-0.01
BRRC009	47	48	0.05
BRRC009	48	49	1
BRRC009	49	50	0.17
BRRC009	50	51	1.08
BRRC009	51	52	0.05
BRRC009	52	53	0.01
BRRC009	53	55	-0.01
BRRC009	55	57	-0.01
BRRC009	57	59	0.01
BRRC009	59	60	-0.01
BRRC009	60	61	-0.01
BRRC009	61	63	-0.01
BRRC009	63	65	0.15
BRRC009	65	66	0.43
BRRC009	66	67	0.62
BRRC009	67	68	0.2
BRRC009	68	69	0.05
BRRC009	69	70	0.06
BRRC009	70	71	0.11
BRRC009	71	72	0.06
BRRC009	72	73	0.04
BRRC009	73	74	0.24

BRRC009	74	75	0.12
BRRC009	75	76	0.04
BRRC009	76	77	0.19
BRRC009	77	78	0.15
BRRC009	78	80	0.09
BRRC010	0	2	-0.01
BRRC010	2	4	0.07
BRRC010	4	6	-0.01
BRRC010	6	8	0.03
BRRC010	8	10	0.34
BRRC010	10	11	1
BRRC010	11	12	0.27
BRRC010	12	13	0.11
BRRC010	13	14	0.59
BRRC010	14	15	0.16
BRRC010	15	16	0.03
BRRC010	16	17	-0.01
BRRC010	17	18	0.01
BRRC010	18	19	0.03
BRRC010	19	20	0.01
BRRC010	20	21	0.01
BRRC010	21	22	-0.01
BRRC010	22	23	-0.01
BRRC010	23	24	-0.01
BRRC010	24	25	0.02
BRRC010	25	26	-0.01
BRRC010	26	27	0.02
BRRC010	27	28	-0.01
BRRC010	28	29	-0.01
BRRC010	29	30	-0.01
BRRC010	30	32	-0.01
BRRC010	32	33	0.02
BRRC010	33	34	-0.01
BRRC010	34	35	0.07
BRRC010	35	36	-0.01
BRRC010	36	37	0.01
BRRC010	37	38	-0.01
BRRC010	38	39	0.06
BRRC010	39	40	0.02
BRRC010	40	41	4.83
BRRC010	41	42	0.02
BRRC010	42	43	0.02
BRRC010	43	44	0.03
BRRC010	44	45	0.29
BRRC010	45	46	0.08
BRRC010	46	47	-0.01
BRRC010	47	48	0.03
BRRC010	48	49	-0.01
BRRC010	49	51	-0.01
BRRC010	51	52	0.01
BRRC010	52	53	0.01

BRRC010	53	54	0.05
BRRC010	54	55	0.05
BRRC010	55	56	0.01
BRRC010	56	57	-0.01
BRRC010	57	58	-0.01
BRRC010	58	59	-0.01
BRRC010	59	60	-0.01
BRRC010	60	62	-0.01
BRRC010	62	64	-0.01
BRRC010	64	66	-0.01
BRRC010	66	68	-0.01
BRRC010	68	70	-0.01
BRRC010	70	72	-0.01
BRRC010	72	74	-0.01
BRRC010	74	75	-0.01
BRRC010	75	76	-0.01
BRRC010	76	77	-0.01
BRRC010	77	79	-0.01
BRRC010	79	80	-0.01
BRRC010	80	81	-0.01
BRRC010	81	82	-0.01
BRRC010	82	83	-0.01
BRRC010	83	84	-0.01
BRRC010	84	86	-0.01
BRRC010	86	88	0.04
BRRC010	88	90	-0.01
BRRC010	90	91	0.01
BRRC010	91	92	0.03
BRRC010	92	93	0.12
BRRC010	93	94	-0.01
BRRC010	94	95	-0.01
BRRC010	95	96	-0.01
BRRC010	96	97	-0.01
BRRC010	97	98	0.01
BRRC010	98	99	0.78
BRRC010	99	100	0.03
BRRC010	100	101	-0.01
BRRC010	101	102	-0.01
BRRC010	102	103	-0.01
BRRC010	103	104	0.07
BRRC010	104	105	0.14
BRRC010	105	106	0.03
BRRC010	106	107	0.79
BRRC010	107	108	0.03
BRRC010	108	109	0.04
BRRC010	109	110	1.89
BRRC010	110	111	0.16
BRRC010	111	112	0.45
BRRC010	112	113	0.73
BRRC010	113	114	2.47
BRRC010	114	115	1.14

BRRC010	115	116	0.24
BRRC010	116	117	0.04
BRRC010	117	118	0.03
BRRC010	118	119	0.03
BRRC010	119	120	0.16
BRRC010	120	122	0.01
BRRC010	122	124	0.03
BRRC010	124	125	0.05
BRRC010	125	126	0.04
BRRC010	126	127	-0.01
BRRC010	127	128	0.02
BRRC010	128	129	0.08
BRRC010	129	130	-0.01
BRRC010	130	131	-0.01
BRRC010	131	133	0.01
BRRC010	133	135	-0.01
BRRC010	135	137	-0.01
BRRC010	137	138	-0.01
BRRC010	138	139	-0.01
BRRC010	139	141	-0.01
BRRC010	141	143	-0.01
BRRC010	143	145	-0.01
BRRC010	145	146	0.01
BRRC010	146	147	-0.01
BRRC010	147	148	-0.01
BRRC010	148	149	-0.01
BRRC010	149	150	0.02
BRRC010	150	151	-0.01
BRRC010	151	152	-0.01
BRRC010	152	153	-0.01
BRRC010	153	154	0.02
BRRC010	154	155	-0.01
BRRC010	155	156	-0.01
BRRC010	156	158	-0.01
BRRC010	158	160	-0.01
BRRC010	160	161	-0.01
BRRC010	161	163	-0.01
BRRC011	6	8	-0.01
BRRC011	8	10	-0.01
BRRC011	10	12	-0.01
BRRC011	12	14	-0.01
BRRC011	16	18	-0.01
BRRC011	18	20	-0.01
BRRC011	20	22	-0.01
BRRC011	22	24	-0.01
BRRC011	24	26	-0.01
BRRC011	26	28	-0.01
BRRC011	28	30	-0.01
BRRC011	30	32	-0.01
BRRC011	32	34	0.01
BR1	0	4	0.01

BR1	4	8	0.01
BR1	8	10	-0.01
BR1	10	12	-0.01
BR1	12	14	-0.01
BR1	14	16	-0.01
BR1	16	18	-0.01
BR1	18	20	0.01
BR1	20	22	0.01
BR1	22	24	0.01
BR1	24	26	0.01
BR1	26	28	-0.01
BR1	28	30	-0.01
BR1	30	32	0.01
BR1	32	33	-0.01
BR1	33	34	-0.01
BR1	34	35	-0.01
BR1	35	36	-0.01
BR1	36	37	-0.01
BR1	37	38	-0.01
BR1	38	39	-0.01
BR1	39	40	-0.01
BR1	40	41	-0.01
BR1	41	42	-0.01
BR1	42	43	-0.01
BR1	43	44	0.01
BR1	44	45	0.01
BR1	45	46	0.01
BR1	46	47	0.01
BR1	47	48	0.01
BR1	48	49	0.01
BR1	49	50	0.01
BR1	50	51	-0.01
BR1	51	52	0.05
BR1	52	53	0.08
BR1	53	54	0.01
BR1	54	55	0.02
BR1	55	56	0.01
BR1	56	57	0.01
BR1	57	58	-0.01
BR1	58	59	0.01
BR1	59	60	0.06
BR1	60	61	0.03
BR1	61	62	0.04
BR1	62	63	0.01
BR1	63	64	0.03
BR1	64	65	0.02
BR1	65	66	0.04
BR1	66	67	0.01
BR1	67	68	-0.01
BR1	68	69	-0.01
BR1	69	70	0.01

BR1	70	71	-0.01
BR1	71	72	0.01
BR1	72	73	-0.01
BR1	73	74	-0.01
BR1	74	75	0.04
BR1	75	76	0.02
BR1	76	77	0.04
BR1	77	78	0.02
BR1	78	79	0.01
BR1	79	80	-0.01
BR1	80	81	0.01
BR1	81	82	0.02
BR1	82	83	0.05
BR1	83	84	0.06
BR1	84	85	0.02
BR1	85	86	0.11
BR1	86	87	0.03
BR1	87	88	0.03
BR1	88	89	0.02
BR1	89	90	0.03
BR1	90	91	0.02
BR1	91	92	0.06
BR1	92	93	0.06
BR1	93	94	0.02
BR1	94	95	0.01
BR1	95	97	0.04
BR1	97	99	0.08
BR1	99	101	0.03
BR1	101	103	0.01
BR1	103	105	0.08
BR957	0	2	-0.01
BR957	2	4	-0.01
BR957	4	6	-0.01
BR957	6	8	-0.01
BR957	8	10	-0.01
BR957	10	12	-0.01
BR957	12	13	0.41
BR957	13	14	0.03
BR957	14	15	-0.01
BR957	15	16	-0.01
BR957	16	18	-0.01
BR957	18	20	-0.01
BR957	20	21	-0.01
BR957	21	22	-0.01
BR957	22	24	-0.01
BR957	24	26	0.05
BR957	26	28	0.07
BR957	28	30	-0.01
BR957	30	32	0.03
BR957	32	33	0.07
BR957	33	34	0.11

BR957	34	36	-0.01
BR957	36	38	-0.01
BR957	38	40	0.05
BR957	40	41	-0.01
BR957	41	42	-0.01
BR957	42	43	-0.01
BR957	43	44	0.22
BR957	44	45	0.13
BR957	45	46	-0.01
BR957	46	47	-0.01
BR957	47	48	-0.01
BR957	48	49	0.03
BR957	49	50	0.03
BR957	50	52	0.05
BR957	52	54	0.05
BR957	54	56	0.01
BR957	56	58	0.02
BR957	58	60	0.04
BR957	60	62	0.04
BR957	62	63	0.01
BR957	63	64	0.02
BR957	64	65	0.05
BR957	65	66	0.06
BR957	66	67	0.06
BR957	67	68	0.01
BR957	68	69	-0.01
BR957	69	70	-0.01
BR957	70	71	0.01
BR957	71	72	-0.01
BR957	72	73	-0.01
BR957	73	74	2.03
BR957	74	75	0.8
BR957	75	76	3.54
BR957	76	77	2.15
BR957	77	78	0.43
BR957	78	79	1.22
BR957	79	80	0.15
BR957	80	81	5.25
BR957	81	82	0.92
BR957	82	83	3.73
BR957	83	84	0.46
BR957	84	85	0.06
BR957	85	86	0.09
BR957	86	87	0.07
BR957	87	88	0.04
BR957	88	89	0.01
BR957	89	90	-0.01
BR957	90	91	0.02
BR957	91	92	0.02
BR957	92	94	-0.01
BR957	94	95	0.02

BR957	95	96	0.02
BR957	96	97	0.01
BR957	97	98	0.01
BR957	98	99	0.01
BR957	99	100	0.01
BR957	100	101	-0.01
BR957	101	102	-0.01
BR957	102	104	0.07
BR957	104	106	-0.01
BR957	106	107	0.01
BR957	107	108	-0.01
BR957	108	109	2.65
BRRC14	0	1	-0.01
BRRC14	1	2	-0.01
BRRC14	2	3	-0.01
BRRC14	3	4	-0.01
BRRC14	4	5	-0.01
BRRC14	5	6	-0.01
BRRC14	6	7	-0.01
BRRC14	7	8	-0.01
BRRC14	8	9	-0.01
BRRC14	9	10	-0.01
BRRC14	10	11	-0.01
BRRC14	11	12	-0.01
BRRC14	12	13	-0.01
BRRC14	13	14	-0.01
BRRC14	14	15	-0.01
BRRC14	15	16	-0.01
BRRC14	16	17	-0.01
BRRC14	17	18	-0.01
BRRC14	18	19	-0.01
BRRC14	19	20	-0.01
BRRC14	20	21	-0.01
BRRC14	21	22	-0.01
BRRC14	22	23	-0.01
BRRC14	23	24	0.01
BRRC14	24	25	-0.01
BRRC14	25	26	-0.01
BRRC14	26	27	-0.01
BRRC14	27	28	-0.01
BRRC14	28	29	-0.01
BRRC14	29	30	-0.01
BRRC14	30	31	-0.01
BRRC14	31	32	0.01
BRRC14	32	33	-0.01
BRRC14	33	34	-0.01
BRRC14	34	35	-0.01
BRRC14	35	36	0.01
BRRC14	36	37	0.02
BRRC14	37	38	-0.01
BRRC14	38	39	0.01

BRRC14	39	40	0.02
BRRC14	40	41	-0.01
BRRC14	41	42	-0.01
BRRC14	42	43	-0.01
BRRC14	43	44	-0.01
BRRC14	44	45	0.01
BRRC14	45	46	0.01
BRRC14	46	47	-0.01
BRRC14	47	48	-0.01
BRRC14	48	49	-0.01
BRRC14	49	50	-0.01
BRRC14	50	51	-0.01
BRRC14	51	52	-0.01
BRRC14	52	53	-0.01
BRRC14	53	54	-0.01
BRRC14	54	55	-0.01
BRRC14	55	56	-0.01
BRRC14	56	57	-0.01
BRRC14	57	58	-0.01
BRRC14	58	59	-0.01
BRRC14	59	60	-0.01
BRRC14	60	61	-0.01
BRRC14	61	62	-0.01
BRRC14	62	63	-0.01
BRRC14	63	64	-0.01
BRRC14	64	65	-0.01
BRRC14	65	66	-0.01
BRRC14	66	67	-0.01
BRRC14	67	68	-0.01
BRRC14	68	69	-0.01
BRRC14	69	70	0.09
BRRC14	70	71	0.01
BRRC14	71	72	-0.01
BRRC14	72	73	-0.01
BRRC14	73	74	-0.01
BRRC14	74	75	-0.01
BRRC14	75	76	-0.01
BRRC14	76	77	-0.01
BRRC14	77	78	-0.01
BRRC14	78	79	-0.01
BRRC14	79	80	-0.01
BRRC14	80	81	-0.01
BRRC14	81	82	-0.01
BRRC14	82	83	-0.01
BRRC14	83	84	-0.01
BRRC14	84	85	-0.01
BRRC14	85	86	-0.01
BRRC14	86	87	-0.01
BRRC14	87	88	-0.01
BRRC14	88	89	-0.01
BRRC14	89	90	-0.01

BRRC14	90	91	-0.01
BRRC14	91	92	-0.01
BRRC14	92	93	-0.01
BRRC14	93	94	0.01
BRRC14	94	95	0.12
BRRC14	95	96	0.04
BRRC14	96	97	0.02
BRRC14	97	98	0.03
BRRC14	98	99	1.6
BRRC14	99	100	1.84
BRRC14	100	101	0.88
BRRC14	101	102	0.92
BRRC14	102	103	0.19
BRRC14	103	104	0.06
BRRC14	104	105	0.05
BRRC14	105	106	0.13
BRRC14	106	107	0.41
BRRC14	107	108	0.17
BRRC14	108	109	0.28
BRRC14	109	110	-0.01
BRRC14	110	111	-0.01
BRRC14	111	112	0.01
BRRC15	0	1	-0.01
BRRC15	1	2	-0.01
BRRC15	2	3	-0.01
BRRC15	3	4	-0.01
BRRC15	4	5	-0.01
BRRC15	5	6	-0.01
BRRC15	6	7	-0.01
BRRC15	7	8	-0.01
BRRC15	8	9	-0.01
BRRC15	9	10	-0.01
BRRC15	10	11	-0.01
BRRC15	11	12	-0.01
BRRC15	12	13	-0.01
BRRC15	13	14	-0.01
BRRC15	14	15	-0.01
BRRC15	15	16	-0.01
BRRC15	16	17	-0.01
BRRC15	17	18	-0.01
BRRC15	18	19	-0.01
BRRC15	19	20	-0.01
BRRC15	20	21	-0.01
BRRC15	21	22	-0.01
BRRC15	22	23	-0.01
BRRC15	23	24	-0.01
BRRC15	24	25	-0.01
BRRC15	25	26	-0.01
BRRC15	26	27	-0.01
BRRC15	27	28	-0.01
BRRC15	28	29	-0.01

BRRC15	29	30	-0.01
BRRC15	30	31	-0.01
BRRC15	31	32	0.19
BRRC15	32	33	0.02
BRRC15	33	34	-0.01
BRRC15	34	35	-0.01
BRRC15	35	36	0.02
BRRC15	36	37	0.14
BRRC15	37	38	0.02
BRRC15	38	39	-0.01
BRRC15	39	40	-0.01
BRRC15	40	41	-0.01
BRRC15	41	42	-0.01
BRRC15	42	43	-0.01
BRRC15	43	44	-0.01
BRRC15	44	45	-0.01
BRRC15	45	46	-0.01
BRRC15	46	47	-0.01
BRRC15	47	48	-0.01
BRRC15	48	49	0.01
BRRC15	49	50	-0.01
BRRC15	50	51	-0.01
BRRC15	51	52	-0.01
BRRC15	52	53	-0.01
BRRC15	53	54	-0.01
BRRC15	54	55	-0.01
BRRC15	55	56	-0.01
BRRC15	56	57	-0.01
BRRC15	57	58	-0.01
BRRC15	58	59	-0.01
BRRC15	59	60	-0.01
BRRC15	60	61	-0.01
BRRC15	61	62	-0.01
BRRC15	62	63	0.01
BRRC15	63	64	0.01
BRRC15	64	65	0.01
BRRC15	65	66	-0.01
BRRC15	66	67	-0.01
BRRC15	67	68	-0.01
BRRC15	68	69	-0.01
BRRC15	69	70	0.01
BRRC15	70	71	-0.01
BRRC15	71	72	-0.01
BRRC15	72	73	-0.01
BRRC15	73	74	0.01
BRRC15	74	75	-0.01
BRRC15	75	76	0.01
BRRC15	76	77	-0.01
BRRC15	77	78	-0.01
BRRC15	78	79	-0.01
BRRC15	79	80	-0.01

BRRC15	80	81	-0.01
BRRC15	81	82	-0.01
BRRC15	82	83	-0.01
BRRC15	83	84	-0.01
BRRC15	84	85	-0.01
BRRC15	85	86	-0.01
BRRC15	86	87	-0.01
BRRC15	87	88	-0.01
BRRC15	88	89	-0.01
BRRC15	89	90	-0.01
BRRC15	90	91	-0.01
BRRC15	91	92	-0.01
BRRC15	92	93	0.01
BRRC15	93	94	-0.01
BRRC15	94	95	-0.01
BRRC15	95	96	-0.01
BRRC15	96	97	-0.01
BRRC15	97	98	-0.01
BRRC15	98	99	-0.01
BRRC15	99	100	-0.01
BRRC16	0	1	0.03
BRRC16	1	2	0.03
BRRC16	2	3	0.04
BRRC16	3	4	0.02
BRRC16	4	5	0.04
BRRC16	5	6	0.05
BRRC16	6	7	0.04
BRRC16	7	8	0.08
BRRC16	8	9	0.07
BRRC16	9	10	0.03
BRRC16	10	11	0.13
BRRC16	11	12	0.08
BRRC16	12	13	0.02
BRRC16	13	14	0.03
BRRC16	14	15	0.03
BRRC16	15	16	0.04
BRRC16	16	17	0.02
BRRC16	17	18	0.02
BRRC16	18	19	0.06
BRRC16	19	20	-0.01
BRRC16	20	21	0.01
BRRC16	21	22	0.17
BRRC16	22	23	-0.01
BRRC16	23	24	0.07
BRRC16	24	25	0.01
BRRC16	25	26	-0.01
BRRC16	26	27	0.01
BRRC16	27	28	0.15
BRRC16	28	29	0.68
BRRC16	29	30	0.01
BRRC16	30	31	0.35

BRRC16	31	32	-0.01
BRRC16	32	33	0.01
BRRC16	33	34	-0.01
BRRC16	34	35	-0.01
BRRC16	35	36	0.3
BRRC16	36	37	0.04
BRRC16	37	38	-0.01
BRRC16	38	39	0.01
BRRC16	39	40	-0.01
BRRC16	40	41	0.12
BRRC16	41	42	0.01
BRRC16	42	43	0.02
BRRC16	43	44	0.04
BRRC16	44	45	-0.01
BRRC16	45	46	-0.01
BRRC16	46	47	0.05
BRRC16	47	48	0.02
BRRC16	48	49	0.09
BRRC16	49	50	0.02
BRRC16	50	51	-0.01
BRRC16	51	52	0.03
BRRC16	52	53	0.02
BRRC16	53	54	-0.01
BRRC16	54	55	0.01
BRRC16	55	56	0.06
BRRC16	56	57	0.12
BRRC16	57	58	0.01
BRRC16	58	59	-0.01
BRRC16	59	60	-0.01
BRRC16	60	61	0.01
BRRC16	61	62	-0.01
BRRC16	62	63	-0.01
BRRC16	63	64	0.01
BRRC16	64	65	0.01
BRRC16	65	66	-0.01
BRRC16	66	67	0.04
BRRC16	67	68	0.01
BRRC16	68	69	-0.01
BRRC16	69	70	-0.01
BRRC16	70	71	0.01
BRRC16	71	72	0.01
BRRC16	72	73	0.17
BRRC16	73	74	10.25
BRRC16	74	75	7.66
BRRC16	75	76	1.88
BRRC16	76	77	0.29
BRRC16	77	78	0.57
BRRC16	78	79	0.36
BRRC16	79	80	0.11
BRRC16	80	81	2.51
BRRC16	81	82	0.39

BRRC16	82	83	0.29
BRRC16	83	84	0.03
BRRC16	84	85	0.07
BRRC16	85	86	2.7
BRRC16	86	87	0.15
BRRC16	87	88	0.13
BRRC16	88	89	0.02
BRRC16	89	90	0.74
BRRC16	90	91	0.15
BRRC16	91	92	0.03
BRRC16	92	93	12.45
BRRC16	93	94	0.32
BRRC16	94	95	0.06
BRRC16	95	96	0.1
BRRC16	96	97	0.04
BRRC16	97	98	0.06
BRRC16	98	99	-0.01
BRRC16	99	100	-0.01
BRRC16	100	101	-0.01
BRRC16	101	102	-0.01
BRRC16	102	103	-0.01
BRRC16	103	104	0.01
BRRC16	104	105	0.02
BRRC16	105	106	-0.01
BRRC16	106	107	-0.01
BRRC16	107	108	0.06
BRRC16	108	109	0.02
BRRC16	109	110	-0.01
BRRC16	110	111	-0.01
BRRC16	111	112	0.04
BRRC16	112	113	0.02
BRRC16	113	114	-0.01
BRRC16	114	115	0.01
BRRC16	115	116	-0.01
BRRC16	116	117	-0.01
BRRC16	117	118	-0.01
BRRC16	118	119	-0.01
BRRC16	119	120	-0.01
BRRC16	120	121	-0.01
BRRC16	121	122	0.02
BRRC16	122	123	1.79
BRRC16	123	124	0.09
BRRC16	124	125	0.06
BRRC16	125	126	-0.01
BRRC16	126	127	0.01
BRRC16	127	128	0.02
BRRC16	128	129	-0.01
BRRC16	129	130	-0.01
BRRC17	0	1	0.16
BRRC17	1	2	0.2
BRRC17	2	3	0.24

BRRC17	3	4	0.07
BRRC17	4	5	0.2
BRRC17	5	6	0.83
BRRC17	6	7	0.11
BRRC18	0	1	0.03
BRRC18	1	2	0.02
BRRC18	2	3	0.01
BRRC18	3	4	0.01
BRRC18	4	5	0.01
BRRC18	5	6	0.01
BRRC18	6	7	0.01
BRRC18	7	8	0.02
BRRC18	8	9	0.01
BRRC18	9	10	0.25
BRRC18	10	11	0.16
BRRC18	11	12	0.02
BRRC18	12	13	0.03
BRRC18	13	14	2.6
BRRC18	14	15	0.06
BRRC18	15	16	0.05
BRRC18	16	17	0.09
BRRC18	17	18	0.01
BRRC18	18	19	0.02
BRRC18	19	20	0.01
BRRC18	20	21	0.04
BRRC18	21	22	0.05
BRRC18	22	23	0.04
BRRC18	23	24	0.05
BRRC18	24	25	0.01
BRRC18	25	26	0.06
BRRC18	26	27	0.15
BRRC18	27	28	0.19
BRRC18	28	29	0.05
BRRC18	29	30	0.07
BRRC18	30	31	0.03
BRRC18	31	32	0.01
BRRC18	32	33	0.01
BRRC18	33	34	-0.01
BRRC18	34	35	0.03
BRRC18	35	36	-0.01
BRRC18	36	37	-0.01
BRRC18	37	38	-0.01
BRRC18	38	39	0.01
BRRC18	39	40	-0.01
BRRC18	40	41	0.06
BRRC18	41	42	0.01
BRRC18	42	43	0.03
BRRC18	43	44	0.03
BRRC18	44	45	0.26
BRRC18	45	46	0.02
BRRC18	46	47	-0.01

BRRC18	47	48	0.02
BRRC18	48	49	0.06
BRRC18	49	50	1.11
BRRC18	50	51	0.54
BRRC18	51	52	0.08
BRRC18	52	53	0.02
BRRC18	53	54	0.08
BRRC18	54	55	0.02
BRRC18	55	56	0.02
BRRC18	56	57	-0.01
BRRC18	57	58	-0.01
BRRC18	58	59	-0.01
BRRC18	59	60	-0.01
BRRC18	60	61	0.03
BRRC18	61	62	0.01
BRRC18	62	63	0.02
BRRC18	63	64	0.03
BRRC18	64	65	0.01
BRRC18	65	66	0.03
BRRC18	66	67	0.03
BRRC18	67	68	0.02
BRRC18	68	69	0.01
BRRC18	69	70	0.03
BRRC18	70	71	0.1
BRRC18	71	72	-0.01
BRRC18	72	73	0.37
BRRC18	73	74	0.08
BRRC18	74	75	0.01
BRRC18	75	76	-0.01
BRRC18	76	77	-0.01
BRRC18	77	78	-0.01
BRRC18	78	79	0.01
BRRC18	79	80	-0.01
BRRC18	80	81	-0.01
BRRC18	81	82	0.01
BRRC18	82	83	-0.01
BRRC18	83	84	-0.01
BRRC18	84	85	-0.01
BRRC18	85	86	0.01
BRRC18	86	87	0.02
BRRC18	87	88	0.01
BRRC18	88	89	-0.01
BRRC18	89	90	0.01
BRRC18	90	91	-0.01
BRRC18	91	92	0.01
BRRC18	92	93	0.17
BRRC18	93	94	0.01
BRRC18	94	95	0.01
BRRC18	95	96	-0.01
BRRC18	96	97	0.02
BRRC18	97	98	0.01

BRRC18	98	99	1.29
BRRC18	99	100	0.04
BRRC19	0	1	0.04
BRRC19	1	2	0.02
BRRC19	2	3	0.01
BRRC19	3	4	0.05
BRRC19	4	5	0.12
BRRC19	5	6	0.02
BRRC19	6	7	-0.01
BRRC19	7	8	-0.01
BRRC19	8	9	-0.01
BRRC19	9	10	0.01
BRRC19	10	11	-0.01
BRRC19	11	12	-0.01
BRRC19	12	13	0.01
BRRC19	13	14	-0.01
BRRC19	14	15	0.01
BRRC19	15	16	0.01
BRRC19	16	17	0.01
BRRC19	17	18	-0.01
BRRC19	18	19	0.01
BRRC19	19	20	-0.01
BRRC19	20	21	0.01
BRRC19	21	22	0.01
BRRC19	22	23	0.01
BRRC19	23	24	-0.01
BRRC19	24	25	0.03
BRRC19	25	26	0.02
BRRC19	26	27	-0.01
BRRC19	27	28	-0.01
BRRC19	28	29	-0.01
BRRC19	29	30	-0.01
BRRC19	30	31	-0.01
BRRC19	31	32	-0.01
BRRC19	32	33	-0.01
BRRC19	33	34	-0.01
BRRC19	34	35	-0.01
BRRC19	35	36	-0.01
BRRC19	36	37	-0.01
BRRC19	37	38	-0.01
BRRC19	38	39	-0.01
BRRC19	39	40	-0.01
BRRC19	40	41	-0.01
BRRC19	41	42	0.01
BRRC19	42	43	-0.01
BRRC19	43	44	-0.01
BRRC19	44	45	-0.01
BRRC19	45	46	-0.01
BRRC19	46	47	-0.01
BRRC19	47	48	-0.01
BRRC19	48	49	-0.01

BRRC19	49	50	-0.01
BRRC19	50	51	-0.01
BRRC19	51	52	-0.01
BRRC19	52	53	-0.01
BRRC19	53	54	-0.01
BRRC19	54	55	-0.01
BRRC19	55	56	-0.01
BRRC19	56	57	-0.01
BRRC19	57	58	0.01
BRRC19	58	59	0.01
BRRC19	59	60	-0.01
BRRC19	60	61	-0.01
BRRC19	61	62	-0.01
BRRC19	62	63	-0.01
BRRC19	63	64	-0.01
BRRC19	64	65	-0.01
BRRC19	65	66	-0.01
BRRC19	66	67	-0.01
BRRC19	67	68	-0.01
BRRC19	68	69	-0.01
BRRC19	69	70	-0.01
BRRC19	70	71	-0.01
BRRC19	71	72	-0.01
BRRC19	72	73	-0.01
BRRC19	73	74	-0.01
BRRC19	74	75	-0.01
BRRC19	75	76	-0.01
BRRC19	76	77	-0.01
BRRC19	77	78	-0.01
BRRC19	78	79	-0.01
BRRC19	79	80	-0.01
BRRC19	80	81	-0.01
BRRC19	81	82	-0.01
BRRC19	82	83	-0.01
BRRC19	83	84	-0.01
BRRC19	84	85	-0.01
BRRC19	85	86	-0.01
BRRC19	86	87	-0.01
BRRC19	87	88	-0.01
BRRC19	88	89	-0.01
BRRC19	89	90	0.01
BRRC19	90	91	0.01
BRRC19	91	92	-0.01
BRRC19	92	93	-0.01
BRRC19	93	94	-0.01
BRRC19	94	95	-0.01
BRRC19	95	96	-0.01
BRRC19	96	97	-0.01
BRRC19	97	98	-0.01
BRRC19	98	99	-0.01
BRRC19	99	100	-0.01

BRRC19	100	101	-0.01
BRRC19	101	102	-0.01
BRRC19	102	103	-0.01
BRRC19	103	104	-0.01
BRRC19	104	105	-0.01
BRRC19	105	106	-0.01
BRRC19	106	107	-0.01
BRRC19	107	108	-0.01
BRRC19	108	109	-0.01
BRRC19	109	110	-0.01
BRRC19	110	111	-0.01
BRRC19	111	112	-0.01
BRRC19	112	113	-0.01
BRRC19	113	114	-0.01
BRRC19	114	115	0.01
BRRC19	115	116	-0.01
BRRC19	116	117	-0.01
BRRC19	117	118	-0.01
BRRC19	118	119	-0.01
BRRC19	119	120	-0.01

JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	*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.*	Historic drill hole sampling was RC chips and diamond core, recent sampling was RC chips.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	It is unclear how historic sampling was undertaken but thought to be by means of a riffle splitter operated apart from the RC rig. Diamond core (one hole - BRD 13) was split. The split core has been examined and has been cut at a high angle to the main fabric in the core. In some historic RC holes composite samples were submitted. During recent drilling, 2 kg RC samples were split from the main sample at on the cyclone on the rig. Assay results were checked against logging. Each hole was sampled at 1 m intervals.
	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 (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.*	All historic sampling employed Fire Assay but the exact technique is unknown. Recent samples were assayed using the ALS Au-AA26 method. The 2 kg sample was pulverised and a 50 g charge used for Fire Assay. To date there have been no screened Fire Assays or Bottle Roll/Sample Leach assays, this work is warranted, as there is a suggestion of coarse gold (short intervals at high grades) and is planned to take place in the future.
Drilling techniques	*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).*	Historic drilling consisted of RC drilling (12 holes) and one diamond hole. Recent drilling was all by RC method.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	This is unknown for historic RC holes. Diamond core appears to have been over 90% in mineralised parts of BRD 13. In recent drilling the volume of sample from the RC rig was noted. Assay results were checked against logs.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Unknown for historic drilling. In recent drilling, in "sticky" ground the cyclone and sample pathway was flushed out with blasts of air until the hole, pipe and cyclone were clear.
	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.	Sample volumes appear to have been independent of grade in recent and historic drilling.
Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and*	NA. No resource yet attributed to this drilling.

Criteria	JORC Code explanation	Commentary
	metallurgical studies.	
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging is conventional qualitative, of RC chips and diamond core.
	The total length and percentage of the relevant intersections logged.	All holes logged completely.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	In the one historic diamond hole, half core was sampled.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Most samples were dry as ground water is deep (+90 m) in this area and flows are very low. Samples were rotary split at the exit to the cyclone.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	In the case of RC holes, approximately 10% of the sample obtained from the drill hole has been sampled. As this sample was split evenly from the main sample, as drilling took place, this is thought to be adequate at this stage of exploration. This view is supported by assays in the historic diamond hole being consistent with those in nearby RC holes.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	QAQC methods for historic drilling are not known. The current QAQC regime involves the submission of one blank sample at random intervals. High, medium and low grade certified standards are also inserted at approx. 50 m intervals. QAQC standards are also used in-house 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.	Unknown for historic RC. The historic diamond hole was clearly marked up at a high angle to the fabric prior to splitting. In recent RC drilling samples were split from the main sample as the drill progressed down the hole, ensuring a faithful representation of each increment of the hole drilled.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The need for screened fire assay and/or bottle roll, or similar leaching technique, to obtain a better understanding of coarse gold content has been identified and is planned in the future.
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	Assay technique for historic drilling is unknown, except that a Fire Assay technique was used. In recent drilling, all samples were assayed using fire assay technique with atomic absorption finish (AU-AA26). Upper limit samples (>100 grams per tonne gold) are re-analysed using the ALS dilution method (Au-DIL).
	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.	Geophysical tools were not used to determine gold (or other element) grades.
	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.	QAQC methods for historic drilling are not known. The current QAQC regime involves the submission of one blank sample at random intervals. High, medium and low grade certified standards are also inserted at approx. 30 m intervals. QAQC standards are also used in-house by the laboratory.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Significant intersections are not checked by an independent company or personnel but assay results were checked against logging for recent drilling.
	The use of twinned holes.	NA in early exploration such as this.

Criteria	JORC Code explanation	Commentary
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Drill hole data goes through a series of validation steps including logging, assay data processing and QAQC checks. All drill hole data is stored in DataShed (SQL database) which is maintained on the site server.
	Discuss any adjustment to assay data	Raw assay data is not adjusted in any way.
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	All drill hole collars are surveyed using a hand-held GPS. Recent drill holes were surveyed with a single shot at the bottom of the hole.
	Specification of the grid system used.	MGA 94 is used on the drill hole location map.
	Quality and adequacy of topographic control.	Topographic control was established using hand held GPS.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	The purpose of this drilling was to attempt to determine the continuity of mineralisation along particular structures. The drill hole spacing varied but at this stage of exploration appears to have been effective in identifying a level of continuity (appropriate for early exploration) on the NW striking structure.
	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.	NA. No resource has been attributed to this data.
	Whether sample compositing has been applied.	Some sample compositing of historic samples was applied but not of samples from recent drilling.
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.*	In this stage of exploration every effort is made to intersect mineralising structures at a high angle however this is not guaranteed.
	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.	NA. At this stage of exploration, this is still unclear.
Sample security	*The measures taken to ensure sample security.*	Samples were driven straight from site to the ALS lab in Orange.
Audits or reviews	*The results of any audits or reviews of sampling techniques*	NA

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or*	This prospect is located on EL 6012 in NSW.

Criteria	JORC Code explanation	Commentary
	national park and environmental settings.	
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	Renewal of this tenement is pending. A reduction of area was applied for in the recent renewal.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	Hibernia and Moly Mines drilled holes in the area in the past and undertook a substantial amount of detailed mapping.
Geology	*Deposit type, geological setting and style of mineralisation.*	The Prospect is hosted in a package of Orovician/Devonian sediments and mafic-ultramafic intrusions. This package is bounded by and also dissected by a series of thrust faults. The general structural grain of the area is approximately N-S. The Booths mineralisation appears to occur where this grain is cut by a later, NW-SW trending break. The precise control on mineralisation is still not known, though brittle fracturing of high quartz rocks is suspected. There is a weak association with pyrite and sometimes, traces of sphalerite, chalcopyrite and arsenopyrite.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	See table 2, 3 and 4
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	All intersection grades have been length weighted.
	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.	Where intervals of greater than a metre have been reported, the samples have been aggregated according to the following method: The cut-off for outer samples in the interval is 1 g/t Au. This cut-off has been selected because it defines broad mineralised zones (which are characterised, at this stage, as zones of low grade gold with higher grade on their upper and lower margins). By and large, the use of this cut-off distinguishes significant mineralised intervals (those averaging 3 g/t or more) from others. The cut-off for internal intervals (bulked internal "waste") is 0 g/t Au. Though the

Criteria	JORC Code explanation	Commentary
		general observation is that these samples are mostly well above background at this prospect, adopting a cut-off of 0 g/t Au for internal "waste" aids in defining the continuity of mineralised zones and in interpreting the data. High grade individual samples in an interval have been reported (so that the proportion of the overall grade belonging to those samples is clear).
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents have been used in estimations or reporting.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	At this stage of exploration, this is still being determined.
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	See Diagrams in the main report.
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.*	All assays from all holes in the area are in table 4.
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	NA
Further work	*The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	The presence of coarse gold will be investigated. Recent results will be checked against the diamond hole in an attempt to improve the understanding of the controls on mineralisation. Further drilling will be planned to further-test the mineralised structures.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially	See diagram.

Criteria	JORC Code explanation	Commentary
	sensitive.	