20 December 2024

ASX Limited - Company Announcements Platform

RAPID LITHIUM LIMITED (ASX: RLL)

RAPID LITHIUM LIMITED SIGNS BINDING TERM SHEET TO ACQUIRE HIGHLY PROSPECTIVE PROPHET RIVER GALLIUM-GERMANIUM PROJECT

Highlights:

- A binding agreement has been signed for Rapid to acquire from Broadstone, certain mineral claims that comprise the Prophet River Ga-Ge Project located in British Columbia, Canada.
- The mineral claims to be acquired are targeting the exploration and development of zinc, germanium and gallium.
- 100% interest in 2,110 Ha (21km^2) covering the historic Cay Mine and surrounding prospective areas
- Previous exploration at the Prophet River project includes 21 previous drill holes with bulk samples from two zones grading up to 22.69% Zn, 40 g/t Ga, 1,500ppm Ge and 0.36% Pb.
- Prophet River bulk samples reported **some of the highest Germanium values recorded globally, underpinning it as a key strategic project.**
- Germanium and Gallium are exceptionally high value strategic metals used in the technology sector, semi-conductors, fibre-optics, solar cells, magnets, batteries and LEDs with recent increases in commodity prices – **China has banned the export of Germanium and Gallium making it a key strategic metal of high value.**
- Recent market disruptions including the entry of price inelastic demand and Chinese export controls in August 2023 has seen a doubling of prices since 2021 when gallium was priced at $422.70 per kg, the current price represents a 115.12% increase.

- The consideration for the acquisition of the mineral claims to be paid by Rapid is:
    - CAD$130,000 within 15 days after completion of the Proposed Transaction;
    - issuing to Broadstone 133,333,334 fully paid ordinary shares in the capital of Rapid on completion of the Proposed Transaction; and
    - issuing to Broadstone (or its nominee) 40,000,000 options in the capital of Rapid on completion of the Proposed Transaction each with an exercise price of 1.5 cps and an expiry of 3 years from the date of the issue.
- The Proposed Transaction is subject to satisfaction of certain conditions, including shareholder approval, execution of long form agreements and the completion of satisfactory legal, financial, tax and technical due diligence by Rapid Lithium.
- The Proposed Transaction complements Rapid's recent acquisition of Midwest Lithium Limited and its announced acquisition of New Energy (US) Inc. from Patriot Lithium Limited and its core focus on exploration of critical minerals in North America.
- The consideration securities will be subject to varying escrow periods up to 10 months post-issuance to ensure alignment with long-term shareholder value.

Rapid Lithium Limited (formerly Armada Metals Limited) ('**Rapid Lithium**' or '**Company**') is pleased to announce that it has entered into a binding term sheet ('**Term Sheet**') to acquire certain mineral claims ('**Assets**') from Broadstone Resources Corporation ('**Broadstone**') ('**Proposed Transaction**'). The Term Sheet sets out the agreed framework and key terms under which Rapid Lithium and Broadstone will seek to conclude formal long form agreements to implement the Proposed Transaction.

Commenting on the signing of this Proposed Transaction for Rapid Lithium, Martin Holland, Managing Director, said:

The Rapid Lithium Board sees this acquisition as very timely given China's recent announcement that it is banning exports of gallium, germanium and antimony to the US. China's dominant position in the global supply of these minerals, accounting for 98.8% of refined gallium and 59.2% of refined germanium production, means that sources outside China will be in high demand.

The location of the assets is also complementary to Rapid's US lithium assets as the Company seeks to become a key supplier of critical minerals in the future.

About the Prophet River Project

The Prophet River project (the **Project**) is comprised of ten (10) granted mineral claims located in British Columbia, Canada and covers an area of 2,110 Ha (21km^2) covering the historic Cay Mine and surrounding prospective areas.

Access to the Project is facilitated through a network of exploration trails into the main workings of the Project, including the historic Cay Mine. Access to established infrastructure including power and main roads is also in close proximity to the Project as well as large gauge rail lines which link the project area to the deepwater ports of Vancouver and Prince Rupert.

A map illustrating the location of the Project relative to established infrastructure in the region and nearby major projects and mines is shown below in **Figure 1**.

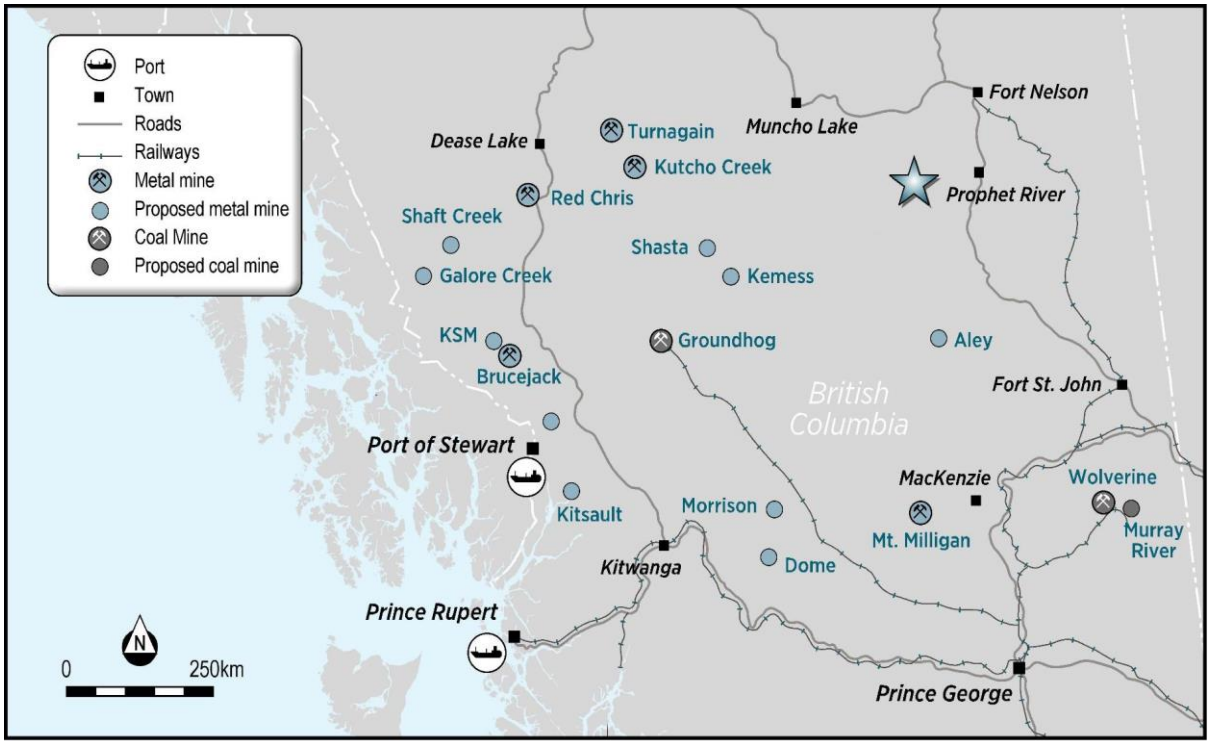


Figure 1: Prophet River Location Map, British Columbia, Canada

Previous exploration at the Project has demonstrated a number of high-grade zinc, germanium and gallium mineralised zones with mineralisation being identified across twenty-one (21) previous drill holes. In addition to previous drilling, bulk sampling collected from the 'Nose' zone returned 22.69% Zn, 40 g/t Ga, and 1,500g/t Ge.

The Nose Zone sample reported some of the highest germanium values recorded globally, underpinning the key strategic value of the project.

Germanium and gallium are exceptionally high value strategic metals used in the technology sector, semi-conductors, fibre-optics, solar cells, magnets, batteries and LEDs with recent increases in commodity prices.

In early December 2024, China announced a ban on exports of gallium, germanium and antimony to the US a day after the Biden administration imposed expanded restrictions on the sale of advanced US technology to China.

This ban reflects China's dominant position in the global supply of these minerals. Currently, China accounts for 98.8% of refined gallium and 59.2% of refined germanium production.

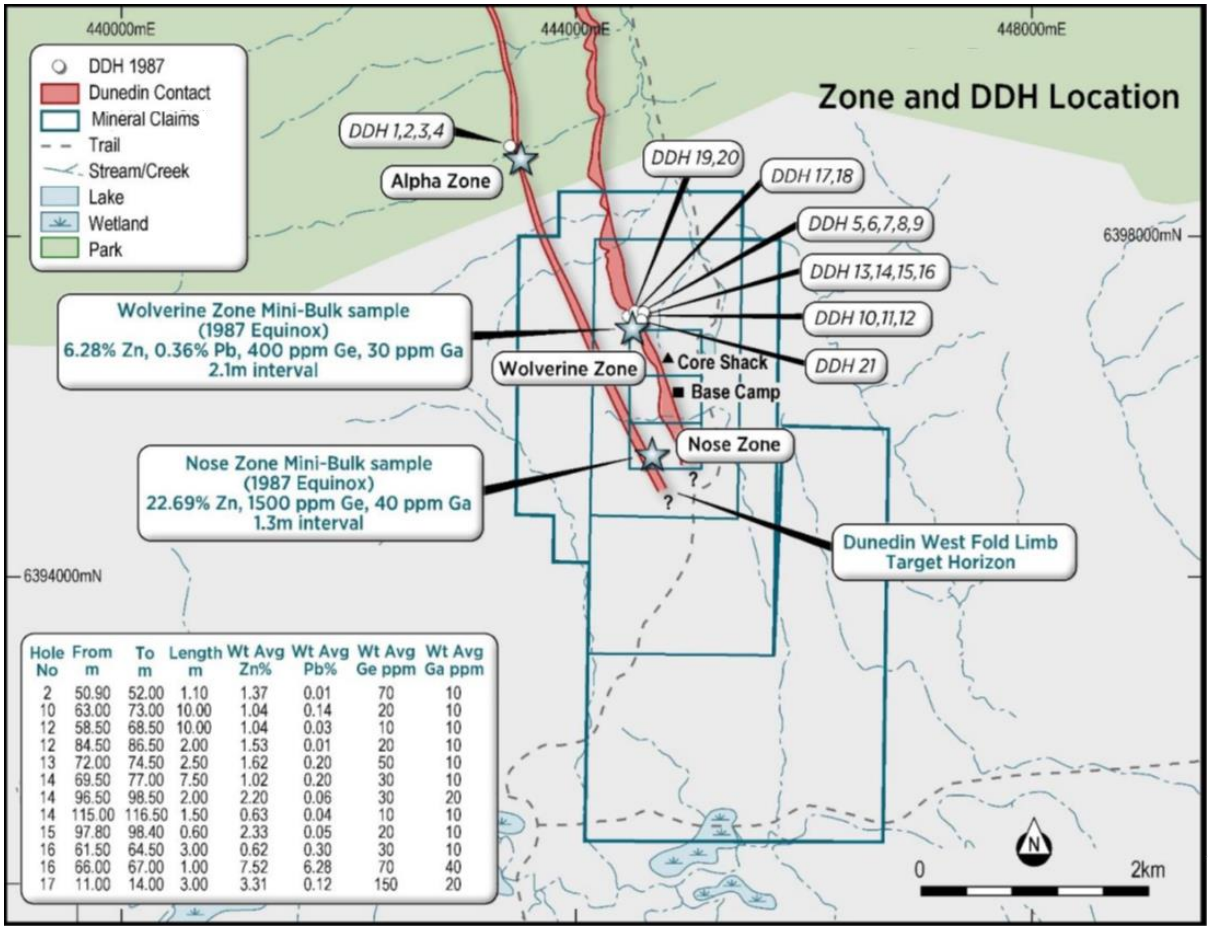
This underpins the key strategic value of germanium and gallium. Notably this is also expected to drive US domestic demand for these high-value, high-demand metals which will benefit the continued exploration and development of the Project which could potentially deliver a 'local' US source of these key strategic metals.

There is a growing global demand for both germanium and gallium, which is considered a critical and supply constrained mineral. Germanium prices have increased by 94.1% since the beginning of 2024 and currently fetches A$3,900 per kilogram.

An overview of the previous exploration undertaken at the Prophet River project is outlined below in Figure 2.

The mineral claims owned by Broadstone cover the main workings of the Cay Mine as well as those areas north and south of the Cay Mine, including the historical workings at the Alpha Zone covering those extensions of the main Dunedin Contact which is interpreted to be the main mineralising conduit depositing zinc, germanium, gallium and lead along that contact.

The total strike length of the Dunedin Contact on the Prophet River claims exceeds 6km remaining open to the south-east. Importantly, there is interpreted to be two parallel units of the Dunedin Contact, both of which are mineralised.



Hole No	From m	To m	Length m	Wt Avg Zn%	Wt Avg Pb%	Wt Avg Ge ppm	Wt Avg Ga ppm
2	50.90	52.00	1.10	1.37	0.01	70	10
10	63.00	73.00	10.00	1.04	0.14	20	10
12	58.50	68.50	10.00	1.04	0.03	10	10
12	84.50	86.50	2.00	1.53	0.01	20	10
13	72.00	74.50	2.50	1.62	0.20	50	10
14	69.50	77.00	7.50	1.02	0.20	30	10
14	96.50	98.50	2.00	2.20	0.06	30	20
14	115.00	116.50	1.50	0.63	0.04	10	10
15	97.80	98.40	0.60	2.33	0.05	20	10
16	61.50	64.50	3.00	0.62	0.30	30	10
16	66.00	67.00	1.00	7.52	6.28	70	40
17	11.00	14.00	3.00	3.31	0.12	150	20

Figure 2: Prophet River, British Columbia. Map illustrates the previous exploration work undertaken at the Prophet River project including drilling and bulk sampling. The interpreted parallel units of the Dunedin Contact are also shown with a strike of 6 km across the project claims which remains open to the south-east. Broadstone also owns the mineral claims north of the historic Cay Mine including the historic workings at the Alpha Zone.

At the Wolverine Zone, a bulk sample collected assayed 6.28% Zn, 0.36% Pb, 400ppm Ge, 30ppm Ga over a 2.1m interval.

At the Nose Zone, a bulk sample collected assayed 22.69% Zn, 1,500ppm Ge, 40ppm Ga over 1.3m interval.

Exploration in this area is targeting the Robb Lake Belt Zn – Pb mineralised formation in Siluro-Devonian carbonate rocks. The germanium and gallium mineralisation is associated with sulphides facies that may be amenable to flotation, suggesting a low-cost processing route for the concentrated product of germanium and gallium, respectively.

At the Project, gallium and germanium are concentrated in carbonaceous (semi-bituminous) lenses. Previous work has led to the discovery of high copper and low lead in a ruby red sphalerite in association with high zinc.

The Company has reviewed the available data for the Project and will, subject to completion, undertake the following exploration program:

- Initial field work will focus on ground-truthing, through rock sampling, of the three main mineralised areas on the property known as the Alpha, Wolverine and Nose Zones
- Secondary work consisting of soil sampling and trenching which will be performed over all three zones.

The Company will undertake the exploration as soon as the field season allows access to the Project area.

Transaction Overview:

The Term Sheet sets out the framework and key commercial terms upon which Rapid and Broadstone will seek to pursue the Proposed Transaction. Set out below is a summary of the key terms and conditions upon which the transaction is proposed to proceed:

- Rapid Lithium will acquire certain mineral claims from Broadstone in consideration of:
    - payment of CAD$130,000 within 15 days after completion of the Proposed Transaction;
    - issue to Broadstone 133,333,334 fully paid ordinary shares in the capital of Rapid on completion of the Proposed Transaction (**Consideration Shares**); and
    - issue to Broadstone (or its nominee) 40,000,000 options in the capital of Rapid on completion of the Proposed Transaction each with an exercise price of 1.5 cps and an expiry of 3 years from the date of the issue (**Options**);
- The Consideration Shares will be subject to voluntary escrow restrictions for a period of up to 10 months from their date of issue;
- Completion of the Proposed Transaction will be conditional on:
    - Rapid completing legal, financial, tax and technical due diligence enquiries to its satisfaction;
    - Rapid establishing a new wholly owned subsidiary in British Columbia for the purposes of undertaking the Proposed Transaction;

- Rapid and Broadstone negotiating and executing formal long form agreements to fully record the terms of the Proposed Transaction; and
- Rapid Lithium obtaining all necessary regulatory and third-party approvals, authorisations, consents and confirmations to complete the Proposed Transaction, including Rapid shareholder approval to issue the Consideration Shares and Options; and

- other customary representations, warranties and undertakings for a transaction of its nature.

The Company will fund the initial payment of CAD$130,000 and early exploration from existing cash reserves and the source of funding for ongoing exploration thereafter will depend on the results achieved throughout the exploration program.

The parties have also agreed to mutual exclusivity arrangements for a period of 65 days, to allow the parties to undertake due diligence and progress formal long form agreements.

Indicative Capital Structure and Effect on the Company

The indicative post-transaction capital stature of Rapid Lithium, based on the capital structure at the time of signing the Term Sheet, assuming the Proposed Transaction proceeds on the above basis, is set out below.

	Shares	Options
Current issued capital	732,110,895	209,052,004
Maximum securities to be issued under Entitlement Offer	500,000,000	750,000,000
Lead Manager Entitlement Options[1]	-	225,000,000
Consideration securities to be issued	133,333,334	40,000,000
Shares to be issued under New Energy acquisition[2]	59,360,343	
Total issued capital at completion	**1,424,804,572**	**1,224,052,004**

[1] Subject to shareholder approval.
[2] Refer ASX announcement of 7 November 2024. Transaction is subject to shareholder approval.

Next Steps

The Company will update the market as further information is available. Shareholders should note that there is no certainty that the Proposed Transaction will complete or that it will be on the same terms as presented in the Term Sheet. Shareholders do not need to take any action at this time.

Minmetals Securities Co., Ltd acted as the financial advisor in connection with the Proposed Transaction.

This announcement has been authorised on behalf of the Rapid Lithium Limited Board by: Martin Holland, Managing Director.

-ENDS-

For further information, please contact:

Martin C Holland – Managing Director

Rapid Lithium Limited

E: mch148@outlook.com

Competent Persons Statement

The information in this announcement that relates to exploration results is based on information compiled by Mr. Zhonghua Pan, a Competent Person and a member of Engineers and Geoscientists British Columbia, Canada (Registration number: 62496). Mr. Pan has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 (JORC 2012). Mr. Pan is the principal geologist and director at JP-Ant Geoconsulting Ltd.

Mr. Pan consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Annexure A – Drill Hole Collar Locations for Prophet River Germanium-Gallium Project

Site	DH_ID	Easting	Northing	Elevation	Dip_Direction	Dip	DH_Length
1	DDH-01	443994	6398436	1563	70	-45	36.58
1	DDH-02	443994	6398436	1563	70	-70	50.29
1	DDH-03	443994	6398436	1563	40	-45	47.85
2	DDH-04	443994	6398436	1560	70	-45	1.83
3	DDH-05	445238.6	6396771	1490	0	-90	38.1
3	DDH-06	445238.6	6396771	1490	250	-45	32.61
3	DDH-07	445238.6	6396771	1490	250	-60	23.16
3	DDH-08	445238.6	6396771	1490	250	-75	28.96
3	DDH-09	445238.6	6396771	1490	250	-80	37.19
4	DDH-10	445279.7	6396745	1480	0	-90	82.6
4	DDH-11	445279.7	6396745	1480	250	-45	55.47
4	DDH-12	445279.7	6396745	1480	250	-80	86.56
5	DDH-13	445326.6	6396763	1473	250	-50	103.93
5	DDH-14	445326.6	6396763	1473	250	-60	131.06
5	DDH-15	445326.6	6396763	1473	250	-70	106.68
5	DDH-16	445326.6	6396763	1473	280	-55	82.3
6	DDH-17	445210	6396746	1503	250	-45	24.69
6	DDH-18	445210	6396746	1503	0	-90	31.1
7	DDH-19	445173.7	6396738	1520	0	-90	29.26
7	DDH-20	445173.7	6396738	1520	250	-45	10.97
8	DDH-21	445309.7	6396715	1471	250	-45	36.88
							1078.07
	Eastings and northings from georeferenced map						

Annexure B – Drill Hole Assay Results for Prophet River Germanium-Gallium Project

Hole No.	From m	To m	Length m	Wt Avg Zn %	Wt Avg Pb%	Wt Avg Ge ppm	Wt Avg Ga ppm
2	50.90	52.00	1.10	1.37	0.01	70	10
10	63.00	73.00	10.00	1.04	0.14	20	10
12	58.50	68.50	10.00	1.04	0.03	10	10
12	84.50	86.50	2.00	1.53	0.01	20	10
13	72.00	74.50	2.50	1.62	0.20	50	10
14	69.50	77.00	7.50	1.02	0.20	30	10
14	96.50	98.50	2.00	2.20	0.06	30	20
14	115.00	116.50	1.50	0.63	0.04	10	10
15	97.80	98.40	0.60	2.33	0.05	20	10
16	61.50	64.50	3.00	0.62	0.30	30	10
16	66.00	67.00	1.00	7.52	6.28	70	40
17	11.00	14.00	3.00	3.31	0.12	150	20

Annexure C – Rock chip assay results and bulk sampling / trenching results at the Prophet River Germanium-Gallium Project

Beaty 1987 Cay Project Table 1 Analytical Data - Rock Chip Assays						
SAMPLE	Zn%	PB %	Ga_PPM	Ge_PPM	Ga+ PPM	Ge+ PMM
959	11.12		49	510	265	2,750
960	10.75		110	92	614	513
966	2.25		7	134	190	3,570
967	16.49		49	112	178	407
968	19.37		85	1,465	263	4,530
970	16.84		48	157	170	560
972	19.98		112	1,360	335	4,080
367	2.58	0.59	28	270	650	6,280
369	7.2	0.08	156	370	466	3,083
391	0.51	1.62	11	26	118	3,060
392	21.14	1.01	105	110	300	312
393	8.26	0.64	30	80	218	581
394	1.44	0.75	70	260	2,917	10,833
395	4.61	0.11	6	62	78	807
1625	11.39	0.44	50	1,080	211	5,689
1634	0.11	7.31	10	80		930
1635	6.31	0.07	70	620	666	5,895
ALPHA	6.26	0.45	30	80	287	767
1639	16.78	0.15	10	10	36	36

1641	0.95	0.01	10	30	631	1,895
1777	1.26	2.02	10	120	476	5,714
1763	5.26	1.29	50	70	570	798
WOLVERINE	6.28	0.36	30	400	286	3,822
NOSE	22.69	0.01	40	1,500	106	4,090
87-28A	0.1	3.81	10	70	157	1,102
87-33	0.63	34.8	10	10		
106A	1.75	0.01	10	80		
106B	1.22	0.14	10	60		

Not included in averages

"+" Symbol estimated Ga/Ge in 60% concentrate

Level 10, Kyle House,
27-31 Macquarie Place, Sydney
NSW 2000

Annexure D – Zinc soil assay results at the Prophet River Germanium-Gallium Project

OBJECTID *	Line_Num	Zn_ppm	Shape *	ORIG_FID	Id	POINT_X	POINT_Y
1	87L_110N	57	Point	0	0	443844.2	6398605
2	87L_110N	60	Point	0	0	443867.7	6398614
3	87L_110N	98	Point	0	0	443891.1	6398622
4	87L_110N	125	Point	0	0	443914.6	6398631
5	87L_110N	135	Point	0	0	443938	6398640
6	87L_110N	86	Point	0	0	443961.5	6398648
7	87L_110N	116	Point	0	0	443984.9	6398657
8	87L_110N	58	Point	0	0	444008.3	6398666
9	87L_110N	99	Point	0	0	444031.8	6398674
10	87L_110N	124	Point	0	0	444055.2	6398683
11	87L_110N	103	Point	0	0	444078.7	6398692
12	87L_110N	82	Point	0	0	444102.1	6398700
13	87L_110N	42	Point	0	0	444125.6	6398709
14	87L_110N	58	Point	0	0	444144.1	6398716
15	87L_109N	130	Point	1	0	443878.4	6398509
16	87L_109N	113	Point	1	0	443901.9	6398518
17	87L_109N	125	Point	1	0	443925.3	6398527
18	87L_109N	112	Point	1	0	443948.7	6398535
19	87L_109N	119	Point	1	0	443972.1	6398544
20	87L_109N	175	Point	1	0	443995.5	6398553
21	87L_109N	152	Point	1	0	444018.9	6398562
22	87L_109N	116	Point	1	0	444042.3	6398570
23	87L_109N	119	Point	1	0	444065.8	6398579
24	87L_109N	136	Point	1	0	444089.2	6398588
25	87L_109N	205	Point	1	0	444112.6	6398597
26	87L_109N	145	Point	1	0	444136	6398606
27	87L_109N	131	Point	1	0	444159.4	6398614
28	87L_109N	135	Point	1	0	444181.2	6398622
32	87L_108N	267	Point	2	0	443915.4	6398414
33	87L_108N	186	Point	2	0	443938.7	6398423
34	87L_108N	283	Point	2	0	443962.1	6398432
35	87L_108N	182	Point	2	0	443985.4	6398441
36	87L_108N	325	Point	2	0	444008.7	6398450
37	87L_108N	166	Point	2	0	444032.1	6398459

38	87L_108N	240	Point	2	0	444055.4	6398468
39	87L_108N	338	Point	2	0	444078.7	6398477
40	87L_108N	227	Point	2	0	444102.1	6398486
41	87L_108N	238	Point	2	0	444125.4	6398495
42	87L_108N	105	Point	2	0	444148.7	6398504
43	87L_108N	194	Point	2	0	444172.1	6398513
44	87L_108N	229	Point	2	0	444195.4	6398522
45	87L_108N	244	Point	2	0	444217.1	6398530
46	87L_106N	199	Point	3	0	443912.7	6398203
47	87L_106N	186	Point	3	0	443936.1	6398212
48	87L_106N	191	Point	3	0	443959.5	6398221
49	87L_106N	187	Point	3	0	443982.9	6398230
50	87L_106N	113	Point	3	0	444006.4	6398238
51	87L_106N	193	Point	3	0	444029.8	6398247
52	87L_106N	211	Point	3	0	444053.2	6398256
53	87L_106N	162	Point	3	0	444076.6	6398265
54	87L_106N	191	Point	3	0	444100	6398273
55	87L_106N	196	Point	3	0	444123.4	6398282
56	87L_106N	197	Point	3	0	444146.8	6398291
57	87L_106N	217	Point	3	0	444170.2	6398300
58	87L_106N	228	Point	3	0	444193.7	6398308
59	87L_106N	230	Point	3	0	444217.1	6398317
60	87L_106N	252	Point	3	0	444240.2	6398326
61	87L_105N	200	Point	4	0	443950.4	6398111
62	87L_105N	175	Point	4	0	443974	6398119
63	87L_105N	128	Point	4	0	443997.5	6398128
64	87L_105N	145	Point	4	0	444021	6398136
65	87L_105N	173	Point	4	0	444044.5	6398145
66	87L_105N	188	Point	4	0	444068	6398153
67	87L_105N	104	Point	4	0	444091.6	6398162
68	87L_105N	153	Point	4	0	444115.1	6398170
69	87L_105N	156	Point	4	0	444131.1	6398176
70	87L_104N	132	Point	5	0	443985.7	6398018
71	87L_104N	93	Point	5	0	444009	6398027
72	87L_104N	136	Point	5	0	444032.4	6398036
73	87L_104N	87	Point	5	0	444055.7	6398045
74	87L_104N	147	Point	5	0	444079.1	6398054

75	87L_104N	107	Point	5	0	444102.4	6398063
76	87L_104N	152	Point	5	0	444125.8	6398072
77	87L_104N	167	Point	5	0	444149.1	6398081
78	87L_104N	186	Point	5	0	444168	6398088
79	87L_103N	160	Point	6	0	444018.5	6397925
80	87L_103N	135	Point	6	0	444041.8	6397934
81	87L_103N	273	Point	6	0	444065.2	6397943
82	87L_103N	175	Point	6	0	444088.5	6397952
83	87L_103N	282	Point	6	0	444111.9	6397961
84	87L_103N	183	Point	6	0	444135.2	6397970
85	87L_103N	140	Point	6	0	444158.6	6397979
86	87L_103N	318	Point	6	0	444181.9	6397988
87	87L_103N	161	Point	6	0	444203.3	6397996
88	87L_102N	300	Point	7	0	444055	6397832
89	87L_102N	170	Point	7	0	444078.4	6397840
90	87L_102N	168	Point	7	0	444101.8	6397849
91	87L_102N	403	Point	7	0	444125.3	6397858
92	87L_102N	230	Point	7	0	444148.7	6397867
93	87L_102N	221	Point	7	0	444172.1	6397875
94	87L_102N	173	Point	7	0	444195.5	6397884
95	87L_102N	297	Point	7	0	444219	6397893
96	87L_102N	174	Point	7	0	444239.3	6397900
97	87L_101N	222	Point	8	0	444087	6397739
98	87L_101N	193	Point	8	0	444110.4	6397748
99	87L_101N	188	Point	8	0	444133.8	6397757
100	87L_101N	259	Point	8	0	444157.2	6397766
101	87L_101N	332	Point	8	0	444180.6	6397775
102	87L_101N	166	Point	8	0	444204	6397783
103	87L_101N	106	Point	8	0	444227.5	6397792
104	87L_101N	143	Point	8	0	444250.9	6397801
105	87L_101N	335	Point	8	0	444272.5	6397809
106	87L_100N	303	Point	9	0	444124	6397641
107	87L_100N	89	Point	9	0	444147.4	6397650
108	87L_100N	303	Point	9	0	444170.7	6397659
109	87L_100N	210	Point	9	0	444194.1	6397668
110	87L_100N	259	Point	9	0	444217.5	6397677
114	87L_100N	258	Point	9	0	444308.9	6397712

115	87L_98N	118	Point	10	0	444193.6	6397452
116	87L_98N	136	Point	10	0	444217	6397461
117	87L_98N	196	Point	10	0	444240.3	6397470
118	87L_98N	138	Point	10	0	444263.7	6397479
119	87L_98N	158	Point	10	0	444287.1	6397488
120	87L_98N	225	Point	10	0	444310.5	6397496
121	87L_98N	223	Point	10	0	444333.9	6397505
122	87L_98N	147	Point	10	0	444357.3	6397514
123	87L_98N	101	Point	10	0	444378.7	6397522
124	87L_96N	75	Point	11	0	444262.6	6397269
125	87L_96N	122	Point	11	0	444286	6397278
126	87L_96N	158	Point	11	0	444309.4	6397287
127	87L_96N	62	Point	11	0	444332.8	6397296
128	87L_96N	73	Point	11	0	444356.2	6397305
129	87L_96N	113	Point	11	0	444379.6	6397313
130	87L_96N	51	Point	11	0	444403	6397322
131	87L_96N	40	Point	11	0	444426.4	6397331
132	87L_96N	111	Point	11	0	444446.9	6397339
133	87L_94N	181	Point	12	0	444330.4	6397085
134	87L_94N	174	Point	12	0	444353.8	6397094
135	87L_94N	198	Point	12	0	444377.2	6397102
136	87L_94N	516	Point	12	0	444400.6	6397111
137	87L_94N	361	Point	12	0	444424	6397120
138	87L_94N	303	Point	12	0	444447.4	6397129
139	87L_94N	83	Point	12	0	444470.7	6397138
140	87L_94N	214	Point	12	0	444494.1	6397147
141	87L_94N	121	Point	12	0	444514.4	6397154
142	87L_92N	402	Point	13	0	444957.5	6397104
143	87L_92N	210	Point	13	0	444981	6397113
144	87L_92N	549	Point	13	0	445004.5	6397121
145	87L_92N	482	Point	13	0	445028	6397130
146	87L_92N	641	Point	13	0	445051.5	6397138
147	87L_92N	693	Point	13	0	445075	6397147
148	87L_92N	452	Point	13	0	445098.5	6397155
149	87L_92N	724	Point	13	0	445121.1	6397164
150	87L_90N	120	Point	14	0	444490.5	6396718
151	87L_90N	96	Point	14	0	444513.9	6396727

152	87L_90N	129	Point	14	0	444537.3	6396735
153	87L_90N	124	Point	14	0	444560.8	6396744
154	87L_90N	83	Point	14	0	444584.2	6396753
155	87L_90N	102	Point	14	0	444607.7	6396761
156	87L_90N	89	Point	14	0	444631.1	6396770
157	87L_90N	61	Point	14	0	444654.6	6396779
158	87L_90N	84	Point	14	0	444678	6396787
159	87L_90N	110	Point	14	0	444701.4	6396796
160	87L_90N	153	Point	14	0	444724.9	6396805
161	87L_90N	130	Point	14	0	444748.3	6396814
162	87L_90N	119	Point	14	0	444771.8	6396822
163	87L_90N	171	Point	14	0	444795.2	6396831
164	87L_90N	92	Point	14	0	444818.7	6396840
165	87L_90N	160	Point	14	0	444842.1	6396848
166	87L_90N	156	Point	14	0	444865.5	6396857
167	87L_90N	179	Point	14	0	444889	6396866
168	87L_90N	286	Point	14	0	444912.4	6396874
169	87L_90N	427	Point	14	0	444935.9	6396883
170	87L_90N	422	Point	14	0	444959.3	6396892
171	87L_90N	278	Point	14	0	444982.8	6396900
172	87L_90N	498	Point	14	0	445006.2	6396909
173	87L_90N	360	Point	14	0	445029.7	6396918
174	87L_90N	341	Point	14	0	445053.1	6396926
175	87L_90N	134	Point	14	0	445076.5	6396935
176	87L_90N	196	Point	14	0	445100	6396944
177	87L_90N	285	Point	14	0	445123.4	6396952
178	87L_90N	727	Point	14	0	445146.9	6396961
179	87L_90N	598	Point	14	0	445170.3	6396970
180	87L_90N	460	Point	14	0	445189	6396977
181	87L_89N	130	Point	15	0	444677.2	6396682
182	87L_89N	108	Point	15	0	444700.7	6396691
183	87L_89N	120	Point	15	0	444724.2	6396699
184	87L_89N	121	Point	15	0	444747.7	6396708
185	87L_89N	147	Point	15	0	444771.2	6396716
186	87L_89N	89	Point	15	0	444794.7	6396725
187	87L_89N	168	Point	15	0	444818.2	6396733
188	87L_89N	91	Point	15	0	444841.7	6396742

189	87L_89N	116	Point	15	0	444865.1	6396751
190	87L_89N	147	Point	15	0	444888.6	6396759
191	87L_89N	143	Point	15	0	444912.1	6396768
192	87L_89N	141	Point	15	0	444935.6	6396776
193	87L_89N	191	Point	15	0	444959.1	6396785
194	87L_89N	396	Point	15	0	444982.6	6396793
195	87L_89N	209	Point	15	0	445006.1	6396802
196	87L_89N	51	Point	15	0	445029.6	6396810
197	87L_89N	417	Point	15	0	445053.1	6396819
198	87L_89N	523	Point	15	0	445076.6	6396827
199	87L_89N	833	Point	15	0	445100.1	6396836
200	87L_89N	134	Point	15	0	445123.6	6396845
201	87L_89N	1340	Point	15	0	445147.1	6396853
202	87L_89N	1369	Point	15	0	445170.6	6396862
203	87L_89N	369	Point	15	0	445194.1	6396870
204	87L_89N	106	Point	15	0	445217.6	6396879
205	87L_89N	107	Point	15	0	445241.1	6396887
206	87L_89N	99	Point	15	0	445264.6	6396896
207	87L_89N	153	Point	15	0	445288.1	6396904
208	87L_89N	92	Point	15	0	445311.6	6396913
210	87L_88N	88	Point	16	0	444627.7	6396559
211	87L_88N	110	Point	16	0	444651	6396568
212	87L_88N	107	Point	16	0	444674.4	6396577
213	87L_88N	116	Point	16	0	444697.8	6396586
214	87L_88N	116	Point	16	0	444721.2	6396594
215	87L_88N	132	Point	16	0	444744.5	6396603
216	87L_88N	106	Point	16	0	444767.9	6396612
217	87L_88N	122	Point	16	0	444791.3	6396621
218	87L_88N	113	Point	16	0	444814.7	6396630
219	87L_88N	129	Point	16	0	444838	6396639
220	87L_88N	114	Point	16	0	444861.4	6396648
221	87L_88N	123	Point	16	0	444884.8	6396657
222	87L_88N	99	Point	16	0	444908.1	6396665
223	87L_88N	102	Point	16	0	444931.5	6396674
224	87L_88N	124	Point	16	0	444954.9	6396683
225	87L_88N	171	Point	16	0	444978.3	6396692
226	87L_88N	228	Point	16	0	445001.6	6396701

227	87L_88N	175	Point	16	0	445025	6396710
228	87L_88N	115	Point	16	0	445048.4	6396719
229	87L_88N	558	Point	16	0	445071.7	6396728
230	87L_88N	219	Point	16	0	445095.1	6396736
231	87L_88N	681	Point	16	0	445118.5	6396745
232	87L_88N	802	Point	16	0	445141.9	6396754
233	87L_88N	1320	Point	16	0	445165.2	6396763
234	87L_88N	1136	Point	16	0	445188.6	6396772
235	87L_88N	966	Point	16	0	445212	6396781
236	87L_88N	1661	Point	16	0	445235.4	6396790
237	87L_88N	751	Point	16	0	445258.7	6396799
238	87L_88N	546	Point	16	0	445282.1	6396807
239	87L_88N	286	Point	16	0	445305.5	6396816
240	87L_88N	557	Point	16	0	445328.8	6396825
241	87L_88N	493	Point	16	0	445352.2	6396834
242	87L_88N	360	Point	16	0	445365.4	6396839
243	87L_87N	116	Point	17	0	444756.1	6396498
244	87L_87N	127	Point	17	0	444779.6	6396507
245	87L_87N	108	Point	17	0	444803	6396515
246	87L_87N	135	Point	17	0	444826.4	6396524
247	87L_87N	158	Point	17	0	444849.9	6396533
248	87L_87N	133	Point	17	0	444873.3	6396541
249	87L_87N	124	Point	17	0	444896.8	6396550
250	87L_87N	88	Point	17	0	444920.2	6396559
251	87L_87N	121	Point	17	0	444943.6	6396567
252	87L_87N	93	Point	17	0	444967.1	6396576
253	87L_87N	84	Point	17	0	444990.5	6396585
254	87L_87N	238	Point	17	0	445014	6396594
255	87L_87N	149	Point	17	0	445037.4	6396602
256	87L_87N	131	Point	17	0	445060.8	6396611
257	87L_87N	125	Point	17	0	445084.3	6396620
258	87L_87N	104	Point	17	0	445107.7	6396628
259	87L_87N	326	Point	17	0	445131.1	6396637
260	87L_87N	373	Point	17	0	445154.6	6396646
261	87L_87N	529	Point	17	0	445178	6396654
262	87L_87N	672	Point	17	0	445201.5	6396663
263	87L_87N	751	Point	17	0	445224.9	6396672

264	87L_87N	684	Point	17	0	445248.3	6396681
265	87L_87N	951	Point	17	0	445271.8	6396689
266	87L_87N	2572	Point	17	0	445295.2	6396698
267	87L_87N	253	Point	17	0	445318.7	6396707
268	87L_87N	287	Point	17	0	445342.1	6396715
269	87L_87N	284	Point	17	0	445365.5	6396724
270	87L_87N	228	Point	17	0	445389	6396733
271	87L_87N	251	Point	17	0	445406.9	6396739
272	87L_86N	112	Point	18	0	444723.1	6396376
273	87L_86N	131	Point	18	0	444746.6	6396385
275	87L_86N	84	Point	18	0	444793.5	6396403
276	87L_86N	99	Point	18	0	444816.9	6396411
277	87L_86N	68	Point	18	0	444840.3	6396420
278	87L_86N	91	Point	18	0	444863.8	6396429
279	87L_86N	192	Point	18	0	444887.2	6396437
280	87L_86N	146	Point	18	0	444910.7	6396446
281	87L_86N	138	Point	18	0	444934.1	6396455
282	87L_86N	212	Point	18	0	444957.6	6396463
283	87L_86N	165	Point	18	0	444981	6396472
284	87L_86N	132	Point	18	0	445004.4	6396481
285	87L_86N	184	Point	18	0	445027.9	6396489
286	87L_86N	210	Point	18	0	445051.3	6396498
287	87L_86N	154	Point	18	0	445074.8	6396507
288	87L_86N	146	Point	18	0	445098.2	6396515
289	87L_86N	387	Point	18	0	445121.6	6396524
290	87L_86N	457	Point	18	0	445145.1	6396533
291	87L_86N	724	Point	18	0	445168.5	6396542
292	87L_86N	1533	Point	18	0	445192	6396550
293	87L_86N	653	Point	18	0	445215.4	6396559
294	87L_86N	591	Point	18	0	445238.8	6396568
295	87L_86N	934	Point	18	0	445262.3	6396576
296	87L_86N	844	Point	18	0	445285.7	6396585
297	87L_86N	1026	Point	18	0	445309.2	6396594
298	87L_86N	1916	Point	18	0	445332.6	6396602
299	87L_86N	2338	Point	18	0	445356.1	6396611
300	87L_86N	2532	Point	18	0	445374.6	6396618
301	87L_85N	107	Point	19	0	444838.3	6396282

302	87L_85N	156	Point	19	0	444861.3	6396292
303	87L_85N	83	Point	19	0	444884.4	6396302
304	87L_85N	169	Point	19	0	444907.5	6396311
305	87L_85N	140	Point	19	0	444930.5	6396321
306	87L_85N	128	Point	19	0	444953.6	6396331
307	87L_85N	150	Point	19	0	444976.7	6396340
308	87L_85N	149	Point	19	0	444999.7	6396350
309	87L_85N	196	Point	19	0	445022.8	6396359
310	87L_85N	174	Point	19	0	445045.9	6396369
311	87L_85N	142	Point	19	0	445068.9	6396379
312	87L_85N	166	Point	19	0	445092	6396388
313	87L_85N	406	Point	19	0	445115.1	6396398
314	87L_85N	462	Point	19	0	445138.1	6396408
315	87L_85N	492	Point	19	0	445161.2	6396417
316	87L_85N	175	Point	19	0	445184.3	6396427
317	87L_85N	276	Point	19	0	445207.4	6396437
318	87L_85N	332	Point	19	0	445230.4	6396446
319	87L_85N	571	Point	19	0	445253.5	6396456
320	87L_85N	2033	Point	19	0	445276.6	6396465
321	87L_85N	293	Point	19	0	445299.6	6396475
322	87L_85N	407	Point	19	0	445322.7	6396485
323	87L_85N	368	Point	19	0	445345.8	6396494
324	87L_85N	395	Point	19	0	445368.8	6396504
325	87L_85N	899	Point	19	0	445384.4	6396511
326	87L_84N	122	Point	20	0	444791.9	6396186
327	87L_84N	138	Point	20	0	444815.4	6396195
328	87L_84N	98	Point	20	0	444838.8	6396204
329	87L_84N	152	Point	20	0	444862.3	6396212
330	87L_84N	101	Point	20	0	444885.7	6396221
331	87L_84N	73	Point	20	0	444909.2	6396230
332	87L_84N	139	Point	20	0	444932.6	6396238
333	87L_84N	145	Point	20	0	444956	6396247
334	87L_84N	82	Point	20	0	444979.5	6396256
335	87L_84N	146	Point	20	0	445002.9	6396264
336	87L_84N	128	Point	20	0	445026.4	6396273
337	87L_84N	224	Point	20	0	445049.8	6396282
338	87L_84N	548	Point	20	0	445073.3	6396290

339	87L_84N	1088	Point	20	0	445096.7	6396299
340	87L_84N	7092	Point	20	0	445120.1	6396308
341	87L_84N	477	Point	20	0	445143.6	6396316
342	87L_84N	544	Point	20	0	445167	6396325
343	87L_84N	459	Point	20	0	445190.5	6396334
344	87L_84N	463	Point	20	0	445213.9	6396343
345	87L_84N	361	Point	20	0	445237.4	6396351
346	87L_84N	359	Point	20	0	445260.8	6396360
347	87L_84N	653	Point	20	0	445284.3	6396369
348	87L_84N	2940	Point	20	0	445307.7	6396377
349	87L_84N	769	Point	20	0	445331.1	6396386
350	87L_84N	473	Point	20	0	445354.6	6396395
351	87L_84N	385	Point	20	0	445378	6396403
352	87L_84N	1056	Point	20	0	445401.5	6396412
353	87L_84N	1198	Point	20	0	445424.9	6396421
354	87L_84N	1672	Point	20	0	445448.4	6396429
355	87L_84N	106	Point	20	0	445471.8	6396438
356	87L_84N	95	Point	20	0	445495.2	6396447
357	87L_84N	111	Point	20	0	445512.1	6396453
358	87L_83N	131	Point	21	0	444888	6396116
359	87L_83N	124	Point	21	0	444911.5	6396125
360	87L_83N	156	Point	21	0	444935	6396133
361	87L_83N	149	Point	21	0	444958.4	6396142
362	87L_83N	191	Point	21	0	444981.9	6396151
363	87L_83N	134	Point	21	0	445005.3	6396159
364	87L_83N	130	Point	21	0	445028.8	6396168
365	87L_83N	138	Point	21	0	445052.3	6396176
366	87L_83N	163	Point	21	0	445075.7	6396185
367	87L_83N	160	Point	21	0	445099.2	6396194
368	87L_83N	149	Point	21	0	445122.6	6396202
369	87L_83N	234	Point	21	0	445146.1	6396211
370	87L_83N	264	Point	21	0	445169.6	6396220
371	87L_83N	233	Point	21	0	445193	6396228
372	87L_83N	290	Point	21	0	445216.5	6396237
373	87L_83N	410	Point	21	0	445239.9	6396246
374	87L_83N	222	Point	21	0	445263.4	6396254
375	87L_83N	248	Point	21	0	445286.8	6396263

376	87L_83N	591	Point	21	0	445310.3	6396272
377	87L_83N	677	Point	21	0	445333.8	6396280
378	87L_83N	1299	Point	21	0	445357.2	6396289
379	87L_83N	318	Point	21	0	445380.7	6396297
380	87L_83N	267	Point	21	0	445404.1	6396306
381	87L_83N	383	Point	21	0	445427.6	6396315
382	87L_83N	3486	Point	21	0	445451.1	6396323
383	87L_83N	1752	Point	21	0	445473.4	6396332
384	87L_82N	113	Point	22	0	444839.5	6395992
385	87L_82N	134	Point	22	0	444863	6396000
386	87L_82N	116	Point	22	0	444886.4	6396009
387	87L_82N	126	Point	22	0	444909.9	6396018
388	87L_82N	130	Point	22	0	444933.3	6396026
389	87L_82N	125	Point	22	0	444956.8	6396035
390	87L_82N	192	Point	22	0	444980.3	6396043
391	87L_82N	149	Point	22	0	445003.7	6396052
392	87L_82N	175	Point	22	0	445027.2	6396061
393	87L_82N	112	Point	22	0	445050.6	6396069
394	87L_82N	118	Point	22	0	445074.1	6396078
395	87L_82N	298	Point	22	0	445097.5	6396087
396	87L_82N	272	Point	22	0	445121	6396095
397	87L_82N	4205	Point	22	0	445144.4	6396104
398	87L_82N	1367	Point	22	0	445167.9	6396113
399	87L_82N	298	Point	22	0	445191.4	6396121
400	87L_82N	379	Point	22	0	445214.8	6396130
401	87L_82N	222	Point	22	0	445238.3	6396139
402	87L_82N	190	Point	22	0	445261.7	6396147
403	87L_82N	502	Point	22	0	445285.2	6396156
404	87L_82N	416	Point	22	0	445308.6	6396165
405	87L_82N	324	Point	22	0	445332.1	6396173
406	87L_82N	454	Point	22	0	445355.5	6396182
407	87L_82N	187	Point	22	0	445379	6396191
408	87L_82N	360	Point	22	0	445402.5	6396199
409	87L_82N	816	Point	22	0	445425.9	6396208
410	87L_82N	1309	Point	22	0	445449.4	6396216
411	87L_82N	1222	Point	22	0	445472.8	6396225
412	87L_82N	1066	Point	22	0	445488.7	6396231

413	87L_81N	100	Point	23	0	444964.4	6395935
414	87L_81N	115	Point	23	0	444987.9	6395944
415	87L_81N	110	Point	23	0	445011.4	6395953
416	87L_81N	139	Point	23	0	445034.9	6395961
417	87L_81N	112	Point	23	0	445058.3	6395970
418	87L_81N	115	Point	23	0	445081.8	6395978
419	87L_81N	209	Point	23	0	445105.3	6395987
420	87L_81N	317	Point	23	0	445128.8	6395996
421	87L_81N	497	Point	23	0	445152.2	6396004
422	87L_81N	230	Point	23	0	445175.7	6396013
423	87L_81N	203	Point	23	0	445199.2	6396021
424	87L_81N	186	Point	23	0	445222.7	6396030
425	87L_81N	312	Point	23	0	445246.2	6396038
426	87L_81N	306	Point	23	0	445269.6	6396047
427	87L_81N	500	Point	23	0	445293.1	6396056
428	87L_81N	833	Point	23	0	445316.6	6396064
429	87L_81N	257	Point	23	0	445340.1	6396073
430	87L_81N	242	Point	23	0	445363.6	6396081
431	87L_81N	226	Point	23	0	445387	6396090
432	87L_81N	179	Point	23	0	445410.5	6396099
433	87L_81N	280	Point	23	0	445434	6396107
434	87L_81N	656	Point	23	0	445457.5	6396116
435	87L_81N	3091	Point	23	0	445481	6396124
436	87L_81N	2611	Point	23	0	445504.4	6396133
437	87L_81N	4147	Point	23	0	445518.4	6396138
438	87L_80N	130	Point	24	0	444932.1	6395815
439	87L_80N	123	Point	24	0	444955.5	6395824
440	87L_80N	98	Point	24	0	444979	6395833
441	87L_80N	85	Point	24	0	445002.5	6395841
442	87L_80N	110	Point	24	0	445025.9	6395850
443	87L_80N	107	Point	24	0	445049.4	6395859
444	87L_80N	158	Point	24	0	445072.9	6395867
445	87L_80N	132	Point	24	0	445096.3	6395876
446	87L_80N	131	Point	24	0	445119.8	6395884
447	87L_80N	127	Point	24	0	445143.2	6395893
448	87L_80N	289	Point	24	0	445166.7	6395902
449	87L_80N	204	Point	24	0	445190.2	6395910

450	87L_80N	122	Point	24	0	445213.6	6395919
451	87L_80N	122	Point	24	0	445237.1	6395928
452	87L_80N	197	Point	24	0	445260.6	6395936
453	87L_80N	545	Point	24	0	445284	6395945
454	87L_80N	284	Point	24	0	445307.5	6395954
455	87L_80N	351	Point	24	0	445330.9	6395962
456	87L_80N	175	Point	24	0	445354.4	6395971
457	87L_80N	194	Point	24	0	445377.9	6395979
458	87L_80N	334	Point	24	0	445401.3	6395988
459	87L_80N	111	Point	24	0	445424.8	6395997
460	87L_80N	309	Point	24	0	445448.3	6396005
461	87L_80N	550	Point	24	0	445471.7	6396014
462	87L_80N	984	Point	24	0	445495.2	6396023
463	87L_80N	2101	Point	24	0	445518.6	6396031
464	87L_80N	801	Point	24	0	445542.1	6396040
465	87L_80N	264	Point	24	0	445565.6	6396048
466	87L_80N	1644	Point	24	0	445589	6396057
467	87L_80N	1138	Point	24	0	445612.5	6396066
468	87L_80N	247	Point	24	0	445636	6396074
469	87L_80N	96	Point	24	0	445647.7	6396079
470	87L_79N	107	Point	25	0	445036.3	6395744
471	87L_79N	98	Point	25	0	445059.7	6395753
472	87L_79N	81	Point	25	0	445083.2	6395762
473	87L_79N	101	Point	25	0	445106.6	6395771
474	87L_79N	113	Point	25	0	445130	6395779
475	87L_79N	134	Point	25	0	445153.4	6395788
476	87L_79N	133	Point	25	0	445176.9	6395797
477	87L_79N	109	Point	25	0	445200.3	6395806
478	87L_79N	135	Point	25	0	445223.7	6395814
479	87L_79N	108	Point	25	0	445247.2	6395823
480	87L_79N	163	Point	25	0	445270.6	6395832
481	87L_79N	162	Point	25	0	445294	6395840
482	87L_79N	172	Point	25	0	445317.5	6395849
483	87L_79N	177	Point	25	0	445340.9	6395858
484	87L_79N	167	Point	25	0	445364.3	6395867
485	87L_79N	114	Point	25	0	445387.7	6395875
486	87L_79N	156	Point	25	0	445411.2	6395884

487	87L_79N	301	Point	25	0	445434.6	6395893
488	87L_79N	300	Point	25	0	445458	6395901
489	87L_79N	174	Point	25	0	445481.5	6395910
490	87L_79N	111	Point	25	0	445504.9	6395919
491	87L_79N	211	Point	25	0	445528.3	6395928
492	87L_79N	209	Point	25	0	445551.8	6395936
493	87L_79N	214	Point	25	0	445575.2	6395945
494	87L_79N	415	Point	25	0	445598.6	6395954
495	87L_79N	348	Point	25	0	445622	6395962
496	87L_79N	252	Point	25	0	445645.5	6395971
497	87L_79N	738	Point	25	0	445668.9	6395980
498	87L_79N	257	Point	25	0	445683.2	6395985
499	87L_77N	117	Point	26	0	445092.4	6395583
500	87L_77N	134	Point	26	0	445114.6	6395594
501	87L_77N	144	Point	26	0	445136.8	6395606
502	87L_77N	104	Point	26	0	445158.9	6395617
503	87L_77N	111	Point	26	0	445181.1	6395629
504	87L_77N	140	Point	26	0	445203.3	6395640
505	87L_77N	148	Point	26	0	445225.5	6395652
506	87L_77N	190	Point	26	0	445247.7	6395663
507	87L_77N	133	Point	26	0	445269.9	6395675
508	87L_77N	157	Point	26	0	445292.1	6395686
509	87L_77N	142	Point	26	0	445314.3	6395698
510	87L_77N	118	Point	26	0	445336.5	6395709
511	87L_77N	192	Point	26	0	445358.7	6395721
512	87L_77N	135	Point	26	0	445380.8	6395732
513	87L_77N	112	Point	26	0	445403	6395744
514	87L_77N	124	Point	26	0	445425.2	6395755
515	87L_77N	227	Point	26	0	445447.4	6395767
516	87L_77N	177	Point	26	0	445469.6	6395778
517	87L_77N	176	Point	26	0	445491.8	6395790
518	87L_77N	124	Point	26	0	445514	6395801
519	87L_77N	83	Point	26	0	445536.2	6395813
520	87L_77N	116	Point	26	0	445555	6395823

Appendix A: JORC Code, 2012 Edition – Table 1

Section 1 - Sampling Techniques and Data

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

Criteria	JORC Code Explanation	Details
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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *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.*	Advance drilling Ltd. of Surrey, B.C. were contracted to drill a minimum 914.4 m (3000 ft.) and produce B.Q. diameter core on the Cay property. The machine used was a Hydra Core 28. Drilling commenced on 4 September and was completed 16 October 1987. In total 1078 m of core were produced from eight sites and a total of 21 holes. Location of the drill sites is indicated on accompanying geological maps in pocket. All core, except for one or two metres selected for study purposes, remains stored on the property in a shack constructed for that purpose. Location of the core shack is shown in the property index map (Figure 5). About 72 metres of core was split and assayed for Pb, Zn, Ga and Ge. Table II summarizes drill hole data. Drill core from the fall 1987 program was logged on site. Results are summarized in Appendix V (logs) and in Figure 8 (drill hole sections). Information obtained from the drill work has been incorporated into the geologic map and cross-sections (Figure 4). The main result was to help clarify mineralization controls. A geochemical survey was carried out over a portion of the Cay property by Cominco Ltd. in 1973. About 1000 hectares were soil sampled using a 200 x 400 ft. (60 x 122 m) grid spacing. Samples were tested for lead, zinc, silver and magnesium. The Cominco survey delineated a coincident lead-zinc anomaly 500 x 2000 metres in extent. Anomalous silver values turned out to be small and scattered and occasional high magnesium samples did not correlate with the other metals. Cominco results are reported in assessment documents.

Criteria	JORC Code Explanation	Details
		The 1986 geochemical program on the Cay program was primarily an orientation survey. The objectives were to identify key trace elements, to establish the most effective sampling procedure, and to find the parameters crucial to interpretation. In 1986, 194 soil samples were collected. During this phase rock, soil and silt samples were collected from various areas including known mineralized zones. Data was recorded on parameters such as bedrock character, soil type, physiographic features, etc. Sample locations were recorded with respect to a loose control grid ("old grid") and samples were analyzed for a variety of elements. While the key objective to the Cominco work was to find a lead-zinc deposit the emphasis in the current program is to find a germanium-zinc deposit. Contrary to expectations Ge (and Ga) does not show up in anomalous concentrations in soils even over heavily mineralized zones. Zinc produces clearly anomalous conditions but tends to be disbursed. Lead in soil produced well defined anomalous zones in most, but not all, places. Copper was selected as a potentially important soil parameter due to an observed mineralogical correlation between high copper zinc and particularly high germanium levels. Barium was also selected as a soil parameter due to the ubiquitous association between lead-zinc mineralization on the Cay property with barite. Rock geochemistry was not seen to provide a useful guide to ore at least through any of the 30 odd elements evaluated. During 1987 a detailed grid controlled soil sampling program was carried out over two places of geologic interest. This included the anticlinal nose area; a region of extensive overburden but a place where surface mineralization is predicted to reappear based on geologic projections. The other target area was the surface trace of Dunedin Fm. especially on the southern part of the claim group where the better mineralization is known to occur. The results of the 1986 and 1987 soil sampling are shown in figure 6. In 1987, 851 soil samples were collected.

Criteria	JORC Code Explanation	Details
		Soil development on the Cay property has been complicated by forest fires. As a result of the burning, in most areas there is now as repetition of the various soil horizons. Wherever possible soil was collected from the lowest B horizon using special shovels. In most cases this layer occurs between 25-35 cm below surface. Where no B type soil was present samples were collected from the C horizon immediately below organic rich topsoils. Samples were sent to Acme Analytical Laboratories Ltd. at 852 E. Hastings Street, Vancouver, B.C. for geochemical analysis. The analysis method used by Acme is as follows: 1) Soils are dried at 60°C and sieved to -80 mesh size. 2) Pulp is digested with 3 mls 3-1-2 HC1-HNO3-H2O at 95°C for one hour and then diluted with water. This leach is near total. 3) In the case of copper, lead and zinc analysis is by Atomic Absorption. 4) In the case of barium, analysis is by ICP.
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).*	• All holes were completed using diamond core drilling. • None of the diamond core is being oriented. • The drilling was completed by composite sampling normally 4m with resampling to single metres for anomalous zones.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *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.*	• Given the historical nature of the drilling, no information is available about sample representivity and calibration. • From the information reviewed, it appears that drilling and sampling was conducted using industry-standard techniques. • Given the historical nature of the drilling, no information is available about sample recoveries for specific drill programs • No bias was noted between sample recovery and grade.

Criteria	JORC Code Explanation	Details
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Logs for the drill holes were generally of reasonable quality. • Qualitative logging of lithology, alteration, mineralisation, regolith and veining was undertaken at various intervals.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Limited data is available for subsampling techniques. • Sampling appears to have been carried out using industry-standard practise. • No QA/QC procedures have been reviewed on for the historical sampling. • The sample size is considered appropriate for the material being sampled.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Where information has been provided in WAMEX reports, the analytical techniques appear appropriate for the stage of exploration being conducted. • No specific review of QAQC protocols or analysis has been completed although it is assumed that the programs were conducted using industry-standard techniques.
Verification of sampling	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• No twinned holes were identified from the data reviewed, although given the early stage of exploration this is to be expected. • No adjustments have been made to original assay data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource*	• Most of the drilling was undertaken using a local grid and while not reported, it is believed that hole locations were measured by hand-held GPS. • No field validation has been undertaken.

Criteria	JORC Code Explanation	Details
	estimation. • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• No downhole surveys were recorded for the drilling. • Topographic control is considered adequate for the early stage of exploration.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Drillhole spacing is highly variable over the project with sporadic drilling only surrounding the historical workings. • There has been insufficient sampling and no significant results to date to support the estimation of a resource. It is unknown if additional exploration will result in the definition of a Mineral Resource. • Assays have been composited into significant intersections.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• Holes were angled perpendicular to the strike of the geology as known at the time of drilling. • No orientation-based sampling bias is known at this time.
Sample security	• *The measures taken to ensure sample security.*	• Details of measures taken for the chain of custody of samples is unknown for the previous explorers' activities.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No Audits or reviews of sampling techniques and data have been undertaken.

Section 2 - Reporting of Exploration Results

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

Criteria	JORC Code Explanation	Details
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	The Prophet River project (the **Project**) is comprised of ten (10) granted mineral claims located in British Columbia, Canada and covers an area of 2,110 Ha (21km^2) covering the historic Cay Mine and surrounding prospective areas. The Project is 100% owned by Broadstone Resources Inc. which has entered into an agreement with Rapid Lithium Limited through which Rapid Lithium Limited has the right to acquire 100% of the mineral claims that comprise the Project. The Cay property lies between the Prophet and Muskwa Rivers in the Rocky Mountains of northeastern B.C. Topographic coordinates for the centre of the claim block are approximately 57^{0}45'N latitude, 123^{0}55'W longitude. Elevations range between 900 and 1700 metres. The principal showings occur about tree line which occurs at 1500 metres (5,000 ft.) in this area (Plate 12). Practical access for purposes of exploration is by means of helicopter. The nearest significant town is Fort Nelson which is 50 kilometres to the northeast. Fort St. John, a major supply point, is 260 kilometres to the southeast. The most convenient staging point is Trutch, about 40 kilometres east of the Cay property on the Alaska Highway. It would be relatively easy to extend a road to the property from the Alaska Highway.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	The discovery of lead-zinc mineralization by Arrow Inter-America Corp. near Robb Lake in 1971 sparked a staking rush in the northern Rocky Mountains of B.C. that led to the recognition of a new lead-zinc belt. Numerous showings were discovered though few were sufficiently large or rich enough to merit further development.

Criteria	JORC Code Explanation	Details
		The original discovery at Robb Lake contains a proven reserve of about six million short tons of 7.3% combined lead-zinc. Other significant prospects include ones located at Mt. Burden, Nabesche River, Mt. McCusker, Redfern Lake and Richards Creek. A considerable amount of exploration work was devoted to these and other prospects in the early 1970's. Cominco Ltd. was actively involved in the Robb Lake exploration rush and staked a number of properties including Richards Creek mentioned above. About 15 kilometres north of Richards Creek, Bruce Mawer, a Cominco geologist, discovered high grade lead-zinc mineralization associated with barite at the contact of Dunedin limestones with Besa River shales. Fifty-four claims were staked by Cominco to protect the area of interest. The Cominco work program included soil geochemistry and geological mapping in 1972 and 1973. The original claims were abandoned in 1974 and allowed to lapse. In 1986 Beaty Geological Ltd. launched a gallium-germanium exploration program. The object was to identify mineral prospects in the Western Cordillera of North America with previously unrecognized potential to be significant gallium and/or germanium sources. Attention was focused on zinc properties. It was hoped that a sub-economic deposit would be found which could be elevated to an economic category by virtue of its trace element gallium and germanium content. The program involved an extensive literature search followed by the sampling of over three hundred deposits and prospects.

Criteria	JORC Code Explanation	Details
		Although several of these were found to have anomalous values in gallium and/or germanium, one exceptional property, the Cay, located in the Rocky Mountains of northeastern B.C., was identified. An exploration program was carried out on the Cay property in the fall of 1986 and summer and fall of 1987. The 1986 work consisted of preliminary geologic mapping, geochemical orientation work and prospecting. In 1987 an integrated exploration program was carried out starting with detailed grid controlled geological, geochemical and geophysical surveys followed by trench sampling and diamond drilling. The program was augmented through metallurgical studies on a bulk sample, petrological work and a study of fossils from the property. It has been determined that sphalerite from the Cay prospect averages 0.25% Ge and 0.034% Ga. This is very high indeed. By comparison the richest source of germanium in a zinc concentrate currently being mined is Pennarroya's St. Salvy mine in France, which contains about 0.07% Ge. Equally significant is the size potential of the Cay. Mineralization has been traced for over 15 kilometres in a geological environment analogous to that of a classic petroleum trap. Furthermore "ore" from the property is metallurgically clean and the economics of extraction appear close to ideal.

Geology	• *Deposit type, geological setting and style of mineralisation.*	The Cay property is the most northerly of the lead-zinc showings in the Robb Lake belt. The area is underlain primarily by the Stone, Dunedin and Besa River Formations of late Silurian (?) to upper Devonian age (Figure 3 and 4). On the eastern side of the property, sandstone, cherty limestone and black chert of probable Mississippian or Permian age, disconformably overlain by dark grey shales of the Triassic Greyling Formation (Leighton, 1987). These strata may be in fault contact with the Devonian sequence (Leighton, 1987). On the Cay property, the Stone Formation is the oldest outcropping unit. Its base is not exposed. Lithologies consist primarily of medium to thick bedded, laminated (algal?) dolostones which are light grey in colour. Metre thick horizons of sandstone and sandy dolomite occur in the lowest beds exposed. The upper few tens of metres of Stone Formation strata on the Cay property consist of limestones or partially dolomitized limestones and, locally, sandy limestones. These lithologies were probably deposited in a shallow water, near shore lagoonal environment (Danner, 1986). The Stone Formation is conformably overlain by the Dunedin Formation. The contact was chosen at the break between medium bedded, laminated non-fossiliferous limestones and the overlying thin, wavy bedded, medium grey fossiliferous Dunedin limestones (Plate 1). Mineralization commonly occurs at or near this contact. The Dunedin Formation on the Cay property is 10 to 25 metres thick. It contains abundant coral, brachiopod, crinoid and bryozoan fragments in a matrix of lime mud which is locally dolomitized. These strata were likely deposited in a back-reef environment (Danner, 1986). The Dunedin Formation is overlain, with apparent conformity, by black carbonaceous and locally calcareous shales of the Besa River Formation, which were deposited in deeper water and are representative of a basinal facies. These shales contain pyrite framboids and host some minor copper showings (Leighton, 1987). The top of this unit is not exposed on the property.

Criteria	JORC Code Explanation	Details
		The predominant structure in the area of economic interest on the Cay property is a plunging anticline (Figure 4). Stone Formation strata are exposed in the core of this structure; Dunedin and Besa River formations outcrop along the limbs. The major creeks on the property dissect the anticline approximately perpendicular to its axis and therefore provide cross-sections through the various units. The anticline is an upright box fold with angular hinges, steeply dipping limbs and a shallow east-dipping crest region (Plate 2, Figure 4). It is a slightly conical fold, with a small half apical angle; bedding data do not best fit a great circle girdle distribution (Appendix IV, Structural Data Analysis). The axial plane is subvertical and strikes northerly (350^{o}). The fold plunges at approximately eight degrees towards the south (170^{o}), and opens in that direction, exposing progressively higher sections towards the south end of the property. Near the southern limit of outcrop (Figure 4), mineralization which occurs along the Stone/Dunedin Formation contact is exposed in the crest of the fold, which dips parallel to topography and results in a large area of mineralized outcrop (Figure 4). Subsurface exploration potential exists to the south of the limit of outcrop. Although no evidence exists at surface, drilling results indicate that, locally, some faulting occurs along the eastern limb of the anticline (Figure 7); east-side-down displacements in the order of 10 to 12 metres have occurred along steeply dipping breccia zones. Flanking the central anticline are marginal synclines in which Besa River shales are exposed. To the west of the property, a thrust fault places Stone and Dunedin Formation carbonates on the Besa shales. A second thrust fault is present on the eastern portions of the Cay 7, 8, 10 and 11 claims, its trace paralleling Crehan Creek, marked by a scarp line of black chert and dirty limestone (Leighton, 1987). This fault places the mineralized Devonion strata upon younger rocks. To the south, the displacement along this fault is apparently transferred to a series of folds (see GSC Open File Map 606).

Criteria	JORC Code Explanation	Details
		The lead-zinc showings on the Cay property are carbonate hosted and stratabound, ie. confined predominantly to a single stratigraphic horizon with only minor crosscutting relationships. Mineralization generally occurs along the contact between the fossiliferous Dunedin Formation, which is quite porous and permeable, and the Stone Formation, which is a much less permeable unit. The basal beds of the Dunedin Formation are commonly brecciated and mineralizaed; less commonly the mineralization crosscuts Stone Formation strata. The Dunedin Formation on the property is relatively thin, and therefore mineraliztion generally occurs within a few metres, stratigraphically, of the overlying Besa River shales. The mineralized horizons occur as two parallel bands which converge towards the south end of the property, outlining the major anticline (Figure 4).

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:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		Refer to Annexures and Tables in the Announcement.

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.*	• Significant intersections have been calculated with no edge dilution and a minimum of 1m downhole length. • No top cuts have been applied. • No metal equivalent values are reported

Criteria	JORC Code Explanation	Details
	• *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
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').*	• Only downhole lengths are reported. • The exact geometry of the mineralisation is not known as such true width is not known.
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.*	Appropriate plans are included in this 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.*	Significant exploration drill results are included in this report.
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.*	To date, only exploration drilling and geophysical surveys (and associated activities) have been undertaken on the project. No other modifying factors have been investigated at this stage.

Criteria	JORC Code Explanation	Details
		A 500 kilogram sample was collected from the west limb Alpha Creek showing on the Cay property. Mineralization here consists of pale honey coloured sphalerite within a gangue of massive barite (Type II). Laboratory testing determined that a high grade (60%) zinc flotation concentrate could be produced which contained the majority of gallium and germanium. This work demonstrates that metallurgical problems are not likely, at least from this type of material. Furthermore, the material tested was found to be low in mercury, iron, and other elements that smelters traditionally find undesirable (Hawthorne, 1986).. A bulk sample of siliceous breccia (Type I) mineralization was collected from the Wolverine and Nose showings during the 1987 field season. Metallurgical test work will be carried out on this material in the future. Since it is the sphalerite from this type of mineralization that carries, by far, the greater percentage of germanium, results of test work on these samples are likely to critically affect the economic viability of the Cay property.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Initial field work will focus on ground-truthing, through rock sampling, of the three main mineralised areas on the property known as the Alpha, Wolverine and Nose Zones • Secondary work consisting of soil sampling and trenching which will be performed over all three zones. • Systematic exploration drilling will follow where warranted