ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: Geological, Geochemical and Drilling, Report on the Gallowai – Bul River Mine Property

TOTAL COST: $684,244.91

AUTHOR(S): Robert J. Morris, M.Sc., P.Geo.

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): M-33 issued July 22, 2005
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5443730 / April 17, 2013

YEAR OF WORK: 2012

PROPERTY NAME: Gallowai – Bul River Mine

CLAIM NAME(S) (on which work was done): 515055, 515057, 515066

COMMODITIES SOUGHT: Cu, Ag, Au

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: 082GNW002

MINING DIVISION: FORT STEELE
NTS / BCGS: 82G/11W
LATITUDE: 49° 30' 15" N
LONGITUDE: 115° 22' 54" W (at centre of work)
UTM Zone: 11 EASTING:616,952 m NORTHING: 5,484,446 m

OWNER(S): STANFIELD MINING GROUP OF COMPANIES

MAILING ADDRESS: BOX 845, CRANBROOK, BC V1C 4J6

OPERATOR(S) [who paid for the work]: STANFIELD MINING GROUP OF COMPANIES

MAILING ADDRESS: BOX 845, CRANBROOK, BC V1C 4J6

REPORT KEYWORDS: PRECAMBRIAN, ALDRIDGE FORMATION, ARGILLITES, QUARTZITES, QUARTZ-SIDERITE VEINS, PYRITE, CHALCOPYRITE

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Statement of Costs

Moose Mountain Technical Services (MMTS)				
	Position	**Rate**	**Hours**	**Total**
J. Galbraith	Geologist	$95.00	881	$83,695.00
M. Lennox	Technician	$60.00	543	$32,580.00
H Evans	Data Entry	$60.00	677	$40,620.00
K.Molnar	Document Manager	$85.00	27	$2,295.00
R Morris	Principal Geologist	$220.00	282	$62,040.00
B. Larson	Geologist	$115.00	524.5	$60,317.50
D. Anderson	Geologist	$160.00	176	$28,160.00
D. Reeves	Accountant	$120.00	13.5	$1,620.00
G. Stockey	Geologist	$85.00	605.3	$51,446.25
**A more detailed breakdown of MMTS Personnel Timesheet information can be found in Appendix A*				
MMTS Expenses	**Description**	Rate	km	**Total**
	Vehicle Mileage	$0.75/km	7238.17	$5,428.63
	Sample Bags Shipping Supplies			$9,798.87
	Pulps/Core			$60.42
	Meals			$60.18
Total (MMTS)				**$378,121.85**

Snowden Mining Industry Consultants (Snowden)				
	Position	**Rate**	**Hours**	**Total**
Walter Dzick	Principle Consultant	$275.00	127	$34,925.00
Adrian Martinez	Consultant	$215.00	94	$20,210.00
Vesko Karadzic	Consultant	$215.00	19	$4,085.00
Snowden (Australia)	Peer Review			$3,080.00
Senior Consultants	Project Review			$2,327.50
Snowden Expenses	**Description**			**Total**
Office/Software/Lab				$5,744.78
Total Snowden				**$70,372.28**

Stanfield Mining Group (SMG)				
Hourly Rate (Staff)	**Position**	**Hourly Rate**	**Hours**	**Total**
Jim Halwas	Sampling Assistant	$22.00	304	$6,688.00
Ray Lasalle	Sampling Assistant	$22.00	291	$6,402.00
Stan Muglich	Equipment Operator	$24.00	256	$6,144.00
Ivan Novak	Equipment Operator	$56.25	184	$10,350.00
Peter Fudge	U/G Mine Communications	$15.00	263	$3,945.00
Daily Rate (Staff)		**Daily Rate**	**Days**	**Total**
Pacific Rock Works	Mine Manager Project Coordinator	$550.00	39	$21,450.00
Tim Hewison	GPS (Drillhole Casings)	$270.00	11	$2,970.00
Ross Hewison	GPS (Drillhole Casings)	$240.00	9	$2,160.00
**A more detailed breakdown of MMTS Personnel Timesheet information can be found in Appendix B*				
SMG Expenses	**Description**			**Total**
	(4) Core saw Blades	$298/ea		$1,192.00
	Sample Standards/Blanks			$1,512.00
	Air Hammer/Bits			
	(39 days) (1) 4x4 Pickup Trucks	$50/day		$1,950.00
	(39 days) (2)-Kubota Tractors	$300/day		$11,700.00
	(39 days) (2)-Scooptrams	$600/day		$23,400.00
	Electrical Expense			$23,183.00
Total SMG				**$123,046.00**

Acme Analytical Laboratories			
	# of Samples	-	**Total**
Crushing and Pulverize 250g Sample	2469	-	$15,999.12
Overweight Prep Charges (per 100g)	91820	-	$6,427.40
30g Pb Collection Fire Assay	86	-	$1,586.70
Au by Lead Collection Fire Assay	2635		$37,944.00
0.5 g 4 Acid Digestion ICP-ES (7TD1)	867		$10,334.64
0.5 g 4 Acid Digestion ICP-ES (7TD2)	2122		$33,697.36
Warehouse Handling of Pulps	2722		$272.20
Warehouse Handling of Reject	2490		$622.50
Crush, Pulv, Sieve 500g to 200 mesh	47		$617.58
Metallic Fire Assay on 500g Sample	47		$1,211.66
30g Fire Assay Gravimetric Finish	4		$70.56
3 Months of Reject Storage	2490		$2,614.50
3 Months of Pulp Storage	2722		$1,306.56
Total Acme Labs			**$112,704.78**
Total Expenses			**$684,244.91**

(HST not included in figures)

Geological, Geochemical, and Drilling Report on the Gallowai – Bul River Mine Property

Bull River, BC
Fort Steele Mining Division

115° 22'54" W   49° 30' 15" N

Owner & Operator:

STANFIELD MINING GROUP OF CANADA

Work performed on mineral claims:
515055, 515057, 515066

Robert J. Morris, M.Sc., P.Geo.
Moose Mountain Technical Services

Statement of Work: April 17th, 2013
Submission Date: April 17th, 2014

BC Geological Survey
Assessment Report
34090

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1. SUMMARY

The Gallowai Bul River Mine (GBRM) is located approximately 30km due east of Cranbrook, BC and is one of many properties held by the Stanfield Mining Group (SMG). GBRM is comprised of 139 mineral claims covering 70,869.14ha.

The Bull River deposit is a brecciated and sheared copper-silver-gold prospect in the Middle Proterozoic Aldridge Formation in southeastern British Columbia. The property includes the past producing Dalton mine operated by Placid Oil from 1971-1974 (Hoy, 2000).

The first concerted phase of mineral exploration in southeastern British Columbia took place in the late 1800's and resulted in the discovery of the Sullivan Mine about 30 kilometers northwest of Cranbrook. The Sullivan Mine operated for over 100 years and was one of the largest sedimentary-exhalative lead zinc deposits in the world. The Bull River, Old Abe, and Copper King occurrences were also discovered during this period. Claims were staked in 1896, and a 30 meter adit as well as a 4.5 meter shaft, were driven by 1899. More underground development was carried out by 1927. No further activity was recorded until 1968, at which time Placid Oil Company (Placid) optioned the property. At that time, there were several pits and 460 meters of old adits on the property. During 1968 and 1969, Placid rehabilitated the old workings and carried out about 8,000 meters of surface and underground drilling (73 holes), as well as surface geophysics. Two near-surface deposits were defined and a production decision was made in 1970. Mining commenced on October 1, 1971 with a milling rate of 750 tons per day. Production ended in March 1974, by which time 471, 900 tonnes of ore had been mined, and 7,256 tonnes (16.0M lbs) of copper, 6.35 tonnes (204,274oz) of silver, and 126kg (4,055oz) of gold had been recovered. Placid also explored east and west of their surface workings, the continuation of mineralization both at depth beneath the pits and along strike. Following the cessation of open-pit mining operations, Placid attempted to drive a decline beneath the open pits in order to better evaluate the underground mineralization, but were unsuccessful in developing a portal and discontinued the program (Mosher, 2003).

Ross Stanfield purchased the assets of the Dalton Mine from Placid Oil on March 5th, 1976 and subsequently transferred those assets under incorporation March 17, 1976 to Bul River Mineral Corporation (Bul River). Drilling at GBRM by Bul River began in 1981 and continued till 2009 to verify and expand Placid's estimated underground resources and explore for new targets. In 1996, work began on a decline at a 16% gradient to provide access for underground drilling and sampling. Bul River reports that, to date, approximately 21,000m of development has been done, including exposure of the mineralized structures on seven levels along access drives and crosscuts to facilitate mapping, sampling, and underground diamond drilling (RPA, 2011).

In 2010, management at SMG commissioned Roscoe Postle and Associates Inc. (RPA) to produce a NI 43-101 compliant technical report of the Bul River Mine Property. When RPA completed the report in March 14, 2011, they concluded that quality of existing data was currently not suitable for inclusion in a NI 43-101 mineral resource estimate. It was also the opinion of RPA that while seven different mineral resource estimates had been produced for the GBRM project between 1970 and 2003, none of these previous resource estimates conformed to NI 43-101 Standards of Disclosure for Mineral Projects. In a series of recommendations, RPA outlined work that would need to be undertaken to complete a NI 43-101 Mineral Resource

Estimate. SMG Management used RPA's recommendations to form the basis for its work program in 2011 and 2012.

The RPA reports can be directly downloaded by utilizing the following links:

- First RPA Technical Report - March 14, 2011
  http://www.smginfo.com/documents/RPA Technical Report - Gallowai Bul River Mine 14-03-2011.pdf

- Second RPA Technical Report - March 30, 2012
  http://www.smginfo.com/documents/RPA Technical Report - Gallowai Bul River Mine 30-03-2012.pdf

In 2012 Moose Mountain Technical Services (MMTS) continued work on the property with detailed underground sampling along all seven sill drifts and sampling/re-sampling of existing drill core. Snowden Mining Industry Consutants (Snowden) was retained to complete an update of the mineral resource and an accompanying Technical Report (Appendix B) as a result of the successful completion of Phase One recommendations set forth by RPA.

2. INTRODUCTION AND SCOPE

This assessment report documents work performed by Snowden, MMTS, and work performed by contractors and employees of Stanfield Mining Group of Companies for the Gallowai – Bul River Mine property during 2012 (Statement of Work event number 5443730 dated April 17, 2013). The work was performed on mineral claims 515055, 515057, and 515066, under mine permit M-33.

Work performed during 2012 on the Bul River Mine Property includes:

- Sampling and assaying, with a comprehensive QA/QC program, completed on 55 drillholes and 409 underground channel sites.
- Re-assaying 13 sample pulps.
- Re-asaying 62 coarse-reject samples.
- Total metallics assay completed on 33 samples.
- Verification of the electronic database.
- Bulk density determinations.
- Modeling of resource.
- Production of a NI 43-101 mineral resource estimate.

3. PROPERTY DESCRIPTION AND LOCATION

The Gallowai Bul River Mine (GBRM) is located approximately 30km due east of the city of Cranbrook in the Regional District of East Kootenay, British Columbia (Figure 3-1). It is one of several properties held by the Stanfield Mining Group in the Fort Steele Mining Division of British Columbia. The properties, referred to as the Stanfield Holdings, comprise 139 claims covering 70,869.1ha (Figure 3-2, Table 3-1). The approximate centre of the GBRM property is within National Topographic Series Map reference 82G/11W at longitude 115° 22' 54" west and latitude 49° 30' 15" north. Universal Transverse Mercator (UTM) coordinates for the project centre utilizing projection North American Datum (NAD) 83, Zone 11 are approximately 616,952m east and 5,484,446m north. Access to GBRM from Cranbrook is via British Columbia Provincial Highway 3 to the paved, all-weather Wardner Fort Steele Road and then the gravel, all-weather Bull River Road to the GBRM access road. The GBRM property has the remnants of previous mine operation including the plant and offices, tailings impoundment, waste dumps, and two open pits. One pit has been backfilled with waste and the second pit is flooded. Numerous pads have been built for baseline testing of acid rock drainage and water quality monitoring.

GBRM is underlain by Mineral Tenures 515055, 515057, and 515066 (Figure 3-3) and Mining Lease 212493. The Mining Lease covers 486.03ha and includes surface rights in addition to mineral rights. The Mining Lease was granted in February 1972 and expires February 2023, with annual lease payments of $9,720.60. The British Columbia Hydro and Power Authority (BC Hydro) signed an agreement with Placid in July 1972 allowing for right of way (Easement F9558) over part of the GBRM property in perpetuity. Power is generated from the 24MW Aberfeldie hydroelectric power station located approximately 2.5km east-southeast of the portal. The Canadian Pacific Railway main line also crosses part of the Stanfield Holdings. GBRM has been awarded a “Small Mine” permit (permit number M-33 issued July 22, 2005) from the Ministry of Energy, Mines and Petroleum Resources (MEMPR) under the British Columbia Mines Act. This allows the mining operation to produce a maximum of 75,000t of ore per year without the need to conduct a full Environmental Impact Assessment. A tailings disposal permit is still required. Other permits have been received and environmental baseline studies are ongoing. Bul River reports that an environmental assurance bond for C$489,506 is being held in trust by the British Columbia Minister of Finance as part of the Mine Closure Plan.

Table 3-1 Gallowai Bul River Mine Tenures

Tenure Number	Claim	Owner	Tenure Type	Tenure SubType	Map Number	Issue Date	Expiry Date	Area (ha)
515055		252011 (100%)	Mineral	Claim	082G	2005/jun/23	2016/oct/20	1028.13
515057		252011 (100%)	Mineral	Claim	082G	2005/jun/23	2016/nov/09	1238.01
515066	Mine Site	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2017/nov/23	251.78

Table 3-2 Stanfield Mining Group (Other Tenures)

Tenure Number	Owner	Tenure Type	Tenure SubType	Map Number	Issue Date	Good To Date	Status	Area (ha)
515058	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2016/aug/04	GOOD	881.532
515071	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	419.61
515072	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	503.366
515073	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	629.46
515074	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	475.225
515075	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/apr/18	GOOD	524.51
515077	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/aug/04	GOOD	629.614
515080	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/apr/18	GOOD	587.229
515081	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/apr/18	GOOD	587.042
515082	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/apr/18	GOOD	628.748
515083	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	659.138
515085	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	524.145
515086	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/apr/18	GOOD	502.798
515087	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/jun/04	GOOD	586.865
515088	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/may/16	GOOD	419.001
515089	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	503.008
515090	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	419.161
515091	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	502.816
515092	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	419.01
515093	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/jun/23	GOOD	335.487
515094	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/jun/23	GOOD	251.685
515105	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/nov/09	GOOD	503.299
515108	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	628.875
515112	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	502.9
515113	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/nov/09	GOOD	419.392
515115	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	524.028
515119	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	419.053
515122	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	502.679
515132	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/nov/09	GOOD	629.327
515137	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	503.262
515140	277035 (100%)	Mineral	Claim	082G	2005/jun/23	2015/dec/22	GOOD	628.829
515164	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/nov/28	GOOD	524.646
515166	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	545.862
515167	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	735.084
515168	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	588.286
515170	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	524.873
515171	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.058
515172	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.199
515174	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	504.428
515175	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	504.616
515176	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	609.941
515177	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	736.419

Tenure Number	Owner	Tenure Type	Tenure SubType	Map Number	Issue Date	Good To Date	Status	Area (ha)
515178	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	419.876
515179	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	525.043
515180	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	420.193
515181	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.365
515182	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.536
515183	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	525.869
515184	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.854
515185	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	502.864
515186	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	502.68
515187	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2016/nov/09	GOOD	524.434
515188	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/nov/28	GOOD	629.576
515189	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	419.387
515190	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	524.033
515191	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	419.065
515192	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/dec/22	GOOD	418.917
515198	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	503.85
515200	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	630.05
515201	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	504.229
515203	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	504.43
515204	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.528
515205	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	505.192
515206	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	505.315
515207	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	631.864
515208	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	525.859
515210	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.846
515212	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	420.988
515214	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	421.099
515215	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2014/apr/18	GOOD	526.563
515217	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	631.895
515219	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	505.325
515220	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	631.43
515221	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/apr/18	GOOD	504.953
515223	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jun/17	GOOD	504.784
515224	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/24	GOOD	609.719
515225	277035 (100%)	Mineral	Claim	082G	2005/jun/24	2015/jul/05	GOOD	420.309
515320	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.161
515324	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	525.003
515327	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	419.845
515328	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	419.704
515337	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	526.578
515340	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	421.102
515341	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	526.174
515344	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	420.781

Tenure Number	Owner	Tenure Type	Tenure SubType	Map Number	Issue Date	Good To Date	Status	Area (ha)
515345	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.641
515347	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	525.604
515348	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.309
515349	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2016/jun/17	GOOD	420.163
515350	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	525.006
515351	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	419.846
515352	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	419.704
515355	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	615.667
515356	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	632.541
515357	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	505.862
515359	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	505.693
515360	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	526.564
515361	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	421.094
515362	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/sep/30	GOOD	526.177
515363	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/aug/11	GOOD	420.784
515364	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.643
515365	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	525.607
515366	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.311
515369	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	420.165
515370	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	525.007
515371	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	419.846
515372	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	419.705
515373	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/11	GOOD	503.647
515378	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	503.817
515399	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/apr/18	GOOD	505.849
515400	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	630.01
515401	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/07	GOOD	504.199
515402	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	630.502
515403	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jun/17	GOOD	504.608
515404	277035 (100%)	Mineral	Claim	082G	2005/jun/27	2015/jul/20	GOOD	504.776
515462	277035 (100%)	Mineral	Claim	082G	2005/jun/28	2015/jul/13	GOOD	504.944
515465	277035 (100%)	Mineral	Claim	082G	2005/jun/28	2015/aug/09	GOOD	631.417
515469	277035 (100%)	Mineral	Claim	082G	2005/jun/28	2015/apr/18	GOOD	421.401
515562	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/aug/09	GOOD	505.305
515572	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/apr/18	GOOD	526.553
515574	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/oct/05	GOOD	505.676
515576	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/aug/11	GOOD	505.507
515577	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/aug/02	GOOD	547.436
515579	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/jul/29	GOOD	420.964
515580	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/jun/14	GOOD	525.471
515581	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/jul/16	GOOD	420.545
515582	277035 (100%)	Mineral	Claim	082G	2005/jun/29	2015/jul/28	GOOD	420.685
515674	277035 (100%)	Mineral	Claim	082G	2005/jun/30	2015/jul/28	GOOD	420.824

Tenure Number	Owner	Tenure Type	Tenure SubType	Map Number	Issue Date	Good To Date	Status	Area (ha)
515798	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/jul/05	GOOD	630.565
515799	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/jul/16	GOOD	504.655
515800	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/jul/28	GOOD	504.823
515801	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/jul/28	GOOD	504.991
515802	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/jul/23	GOOD	505.159
515803	277035 (100%)	Mineral	Claim	082G	2005/jul/01	2015/aug/02	GOOD	631.655

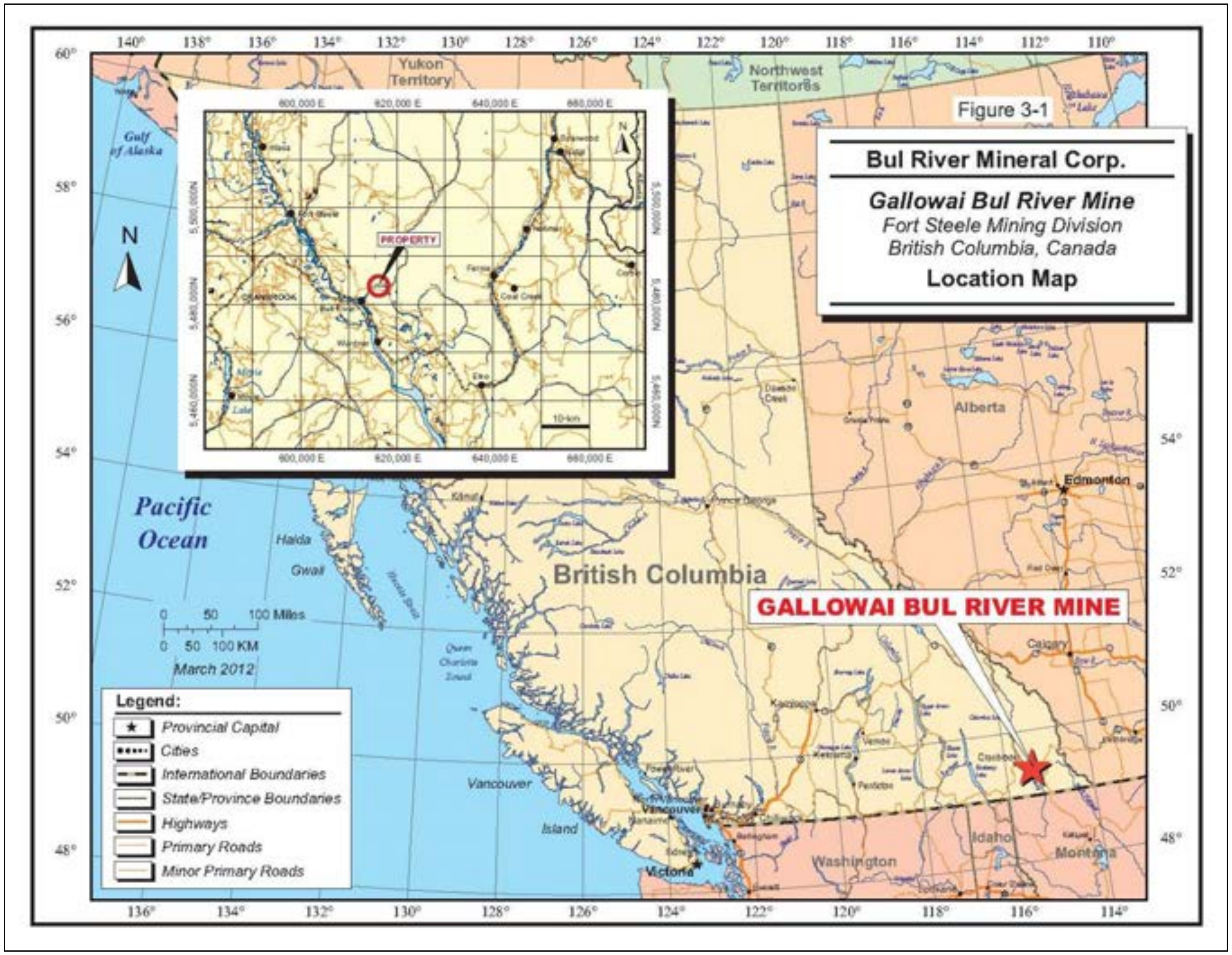

Figure 3-1 Location Map

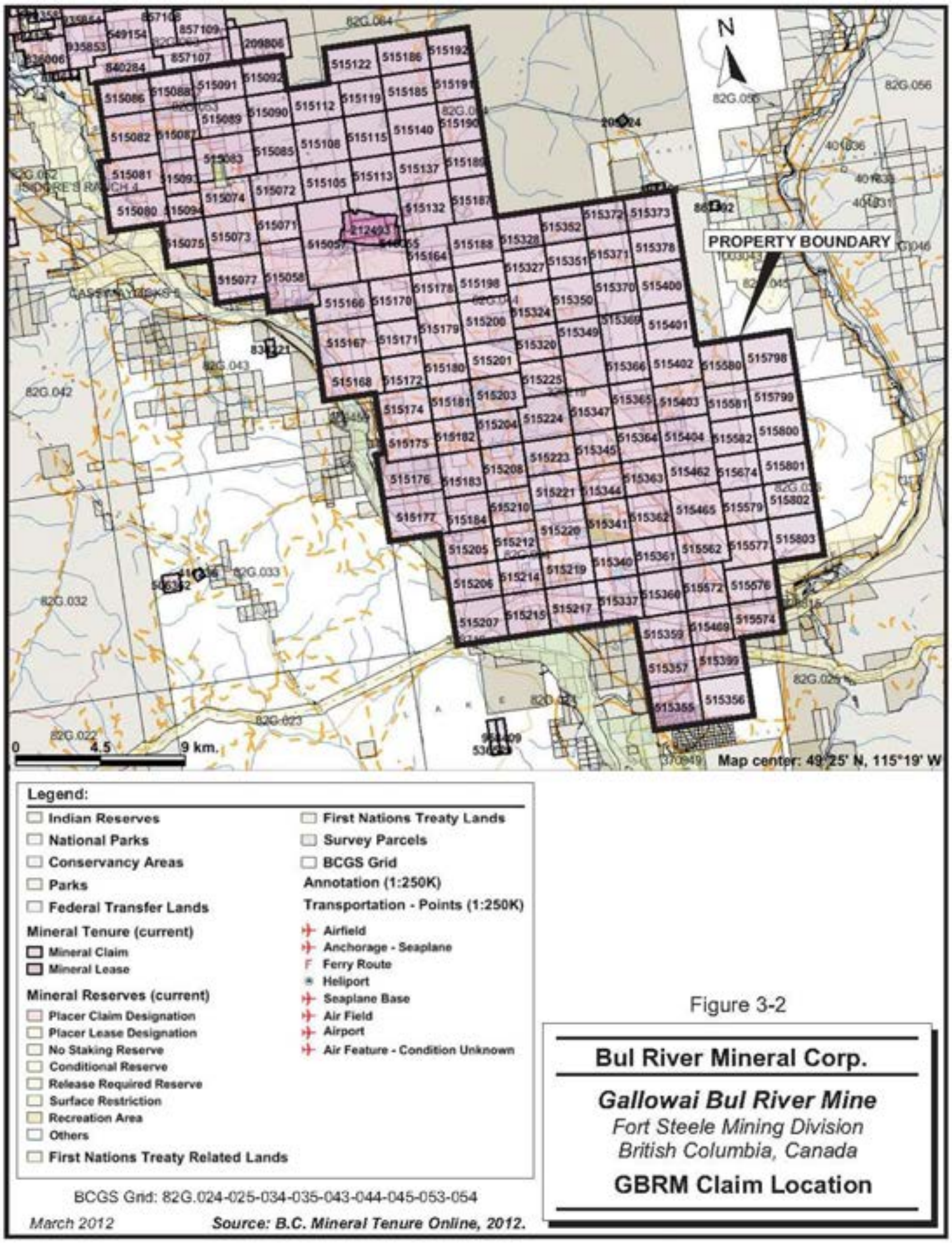

Figure 3-2 Claim Location

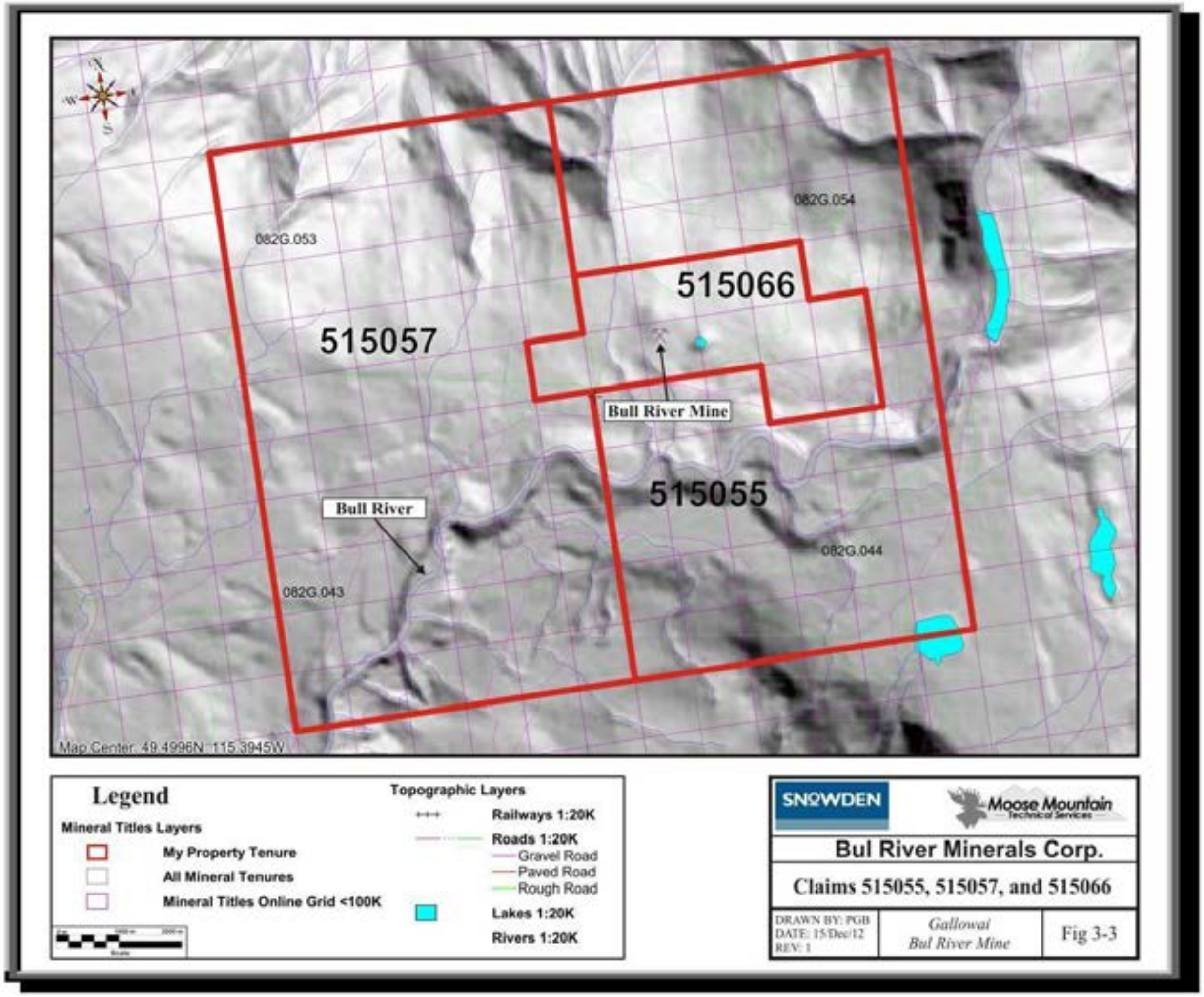

Figure 3-3 Claims 515055, 515057, & 515066

4. ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

ACCESSIBILITY

GBRM is located approximately 50km by road from Cranbrook, British Columbia. Access to the GBRM Property from Cranbrook is by driving northeast approximately ten kilometres via British Columbia Provincial Highway 3 (Crowsnest Highway) and then bearing southeast towards the town of Fernie, British Columbia, for approximately 26km to the paved, all-weather Wardner Fort Steele Road. The Wardner Fort Steele Road is followed northwest for eight kilometres where it intersects the all-weather gravel Bull River Road. The Bull River Road is followed east-northeast for six kilometres to the GBRM mine access road.

CLIMATE

The mean annual temperature is 8.5°C. Mean high temperatures occur in July and August, averaging 18°C, and lows in December averaging -7°C. Precipitation data from Environment Canada between 1971 and 2000 for Cranbrook shows an average annual precipitation of 403mm (expressed in mm of water), with highest average precipitation in June (53mm) and lowest in March (20mm). There is an average of 69 days a year with precipitation in the form of rain and 32 days in the form of snow. Snowfall is recorded between October and May, with an annual mean of 13mm (expressed in mm of water). The most snow falls in December which has a mean snowfall of four millimeters (expressed in mm of water). Climate will not adversely affect operations and work can be carried out uninterrupted twelve months a year.

LOCAL RESOURCES

The Kootenay Regional District has a long history of mining activity, and mining suppliers and contractors are locally available. Both experienced and general labour is readily available from the city of Cranbrook with 18,270 inhabitants (2006 census) and other smaller East Kootenay communities in the vicinity with 1,819 inhabitants (2006 census). There is abundant water available to support mining operations.

INFRASTRUCTURE

Currently, the major assets and facilities (with estimated areas) associated with GBRM are:

- The mineralized body.
- An administrative building (690m^2) containing dry facilities.
- An assay laboratory (242m^2).
- A metallurgical laboratory (141m^2).
- A 750tpd conventional mill (2,020m^2) with adjoining crusher building (280m^2), fine ore bin (165m^2), and concentrate storage facility (130m^2).
- Mine shops (660m^2), electrical shop (140m^2), core shack (80m^2), Firehall (75m^2), and Mine Rescue building (120m^2).
- Electrical substation connected to 115kV electrical transmission line, water wells, and septic system.
- Underground infrastructure including a mine ramp, ventilation raises, sumps, and mobile equipment fleet.
- Close proximity to a rail spur used by Placid during production but no longer active.
- Access by paved, all-weather roads.

PHYSIOGRAPHY

GBRM is located on the gentle slopes that form the base of the Steeples and the Lizard Range which are part of the Rocky Mountain Front Range System. The project is located north of the meandering Bull River which makes up part of the Kootenay River watershed. GBRM portal elevation is approximately 950MASL, with elevations within the Stanfield Holdings ranging from 760MASL to 2,600MASL.

The GBRM Property lies within the Ponderosa Pine and Interior Douglas Fir biogeoclimatic zones. Grass and ground cover is dominated by rough fescue, pinegrass, Richardson's needlegrass, Idaho fescue, northwest sedge, and bluebunch wheatgrass. Shrubs found in the area include bearberry, Saskatoon and bitterbush (Ross, 2001). The terrain is characterized by open pasture and mature vegetation that is used as forage for domestic cattle, elk, big horn sheep, white tail and mule deer, and grizzly and black bears. Overburden varies in depth and can be up to 200m thick and minimal bedrock is exposed at surface.

5. HISTORY

Placer gold was first discovered in the early 1860's in the Bull River Canyon and numerous small mine workings have been excavated in the area since that time. No work was reported on the GBRM site until 1968 when Placid optioned the property.

The GBRM Property hosts the previously operated Dalton Mine, which started milling on October 1, 1971, and continued from two open pits until June 10, 1974, producing 7,260t (16.0M lb) of copper, 6,354kg (204,274oz) of silver, and 126kg (4,055oz) of gold from 471,900t milled. The two pits form the surface expression of the vein system. The Dalton Mine was owned by Placid. Placid attempted to go underground to access additional resources but was unsuccessful in getting the portal collared in blocky ground. Ross Stanfield purchased the assets of the Dalton Mine from Placid on March 5, 1976, and transferred the assets to Bul River under incorporation on March 17, 1976. Gallowai has earned a 50% interest in the GBRM Property through raising and expenditure of exploration dollars since its incorporation in 1980. The Gallowai Bul River Mine name reflects the joint ownership by the two companies.

Drilling at GBRM by Bul River began in 1981 and continued until 2009 in an effort to verify and expand Placid's estimated underground resources and explore new targets. In 1996, work began on a decline at a 16% gradient to provide access for underground drilling and sampling. Bul River reports that, to date, approximately 21,000m of development has been done, including exposure of the mineralized structures on seven levels along access drives and crosscuts to facilitate mapping, sampling, and underground diamond drilling (RPA, 2011).

In 2010, Management at SMG commissioned RPA to produce a NI 43-101 compliant resource estimate for the Bul River Mine Property. When RPA completed the report in March 14, 2011, they concluded that quality of existing data was currently not suitable for inclusion in a NI 43-101 mineral resource estimate. It was also the opinion of RPA that while seven different mineral resource estimates had been produced for the GBRM project between 1970 and 2003, none of these previous resource estimates conformed to NI 43-101 Standards of Disclosure for Mineral Projects. In a series of recommendations, RPA outlined work that would need to be undertaken to complete a NI 43-101 mineral resource estimate. SMG Management used RPA's recommendations to form the basis for its work program in 2011, which was undertaken by MMTS. Following a re-sampling of drill core and sample pulps RPA was able to complete a NI 43-101 resource estimate in March 2012.

In 2012 geological work continued with underground sampling of sill drifts and further drillhole sampling. Snowden completed a second resource estimate for the deposit in March 2013.

6. GEOLOGICAL SETTING

The following descriptions of the regional and property geology provide a context within to understand the work completed during 2011.

REGIONAL GEOLOGY

The Property is situated on the immediate eastern side of the Rocky Mountain Trench and is underlain by a thick sequence of interbedded argillite and quartzite that belongs to the Middle Aldridge Formation of Proterozoic-age (see Figure 6-1). Aldridge Formation strata are conformably overlain by Proterozoic-age Creston Formation siltstone, argillite and quartzite that are in turn, conformably overlain by Proterozoic-age Kitchener Formation dolomite and dolomitic siltstone. All three formations belong to the Purcell Supergroup and in this area are contained within the east-directed Hosmer thrust sheet. To the west, this block is bounded by the Boundary Fault that defines the eastern edge of the Rocky Mountain Trench, to the east, Purcell rocks are over-ridden along the Upper Sand Fault by Devonian-age strata. The Sand Creek Fault marks the southern boundary of the block, and separates Purcell strata from Carboniferous-age carbonates. Immediately to the north of the Property area, the Aldridge Formation is in fault contact with overlying Creston and Kitchener Formations and is separated from these units by the Bull Canyon Fault (Hoy, 2000, Mosher, 2003).

LOCAL AND PROPERTY GEOLOGY

The GBRM deposit is hosted within poorly exposed graded turbidite beds of the middle Aldridge Formation of the Middle Proterozoic Purcell Supergroup. Interbedded quartzites, siltstones, and argillites make up a turbidite sequence whose bedding plane strikes approximately east-west and dips 20° to 30° to the north (Baldys, 2001). The host rocks of the deposit are a northward pinching series of anticlines and synclines (de Souza, 2000). The quartzite unit is described by Baldys, 2001 as, in fact, thickly bedded quartz arenite and quartz wacke. The quartz arenite is dominated by sand-size fragments of quartz while the quartz wacke consists of poorly sorted mineral and rock fragments in a matrix of clay and fine silt. These arenite and wacke beds are up to one metre in thickness and are massive to graded, fining upward. Arenaceous beds are medium to thickly bedded and are commonly separated by thin layers of argillaceous siltstone. Laminated siltstone is composed of organic carbon, biotite, feldspar, detrital quartz, sphene, tourmaline, apatite and, diagenetic pyrite, and pyrrhotite. Wispy or disseminated pyrrhotite is common and, along with pyrite, makes up less than two percent of unaltered rock. The Aldridge Formation is intruded by a series of dykes varying in composition from diorite to gabbro known as the Moyie intrusive suite. The mid-Proterozoic Moyie dykes trend approximately east-west and dip at 30° to 80° to the south and are composed predominantly of hornblende and plagioclase phenocrysts in a fine grained groundmass of plagioclase, quartz, hornblende, chlorite and epidote (Baldys, 2001). These dykes have been traced from the Bull River eastward to the flank of Iron Mountain where they form the target of two adits (de Souza, 2001). Overburden consists of Pleistocene glaciofluvial and colluvial sediments and varies in thickness across the GBRM Property up to 200m in thickness as defined by gravity surveys conducted in 2006 (RPA 2011).

Table 6-1 Gallowai Bul River Mine Regional Stratigraphy

Age	Group	Formation	Unit	Lithology
Upper Devonian to Permian	Undifferentiated Fairholme Group	Palliser Formation		
		Exshaw Formation		
		Banff Formation		
	Rundle Group			
	Rocky Mountain Group			limestone, shale limestone, quartzite, dolomitic quartzite
Middle Devonian		Burnais Formation	Upper Unit	shaly limestone, shaly dolomite, limestone breccia, gypsum
		Harrogate Formation		
			Basal Unit	dolomitic sandstone, sandy dolomite, breccia, conglomerate, shale
Cambrian			"Tanglefoot Unit"	shaly limestone, limestone, sandy shale, dolomite
		Eager Formation		shale, limestone, siltstone, quartzite
		Cranbrook Formation		quartzite, granule conglomerate
Middle Proterozoic			Moyie Sill	hornblende metadiorite to hornblende metagabbro
	Purcell Supergroup	Phillips Formation		red micaceous quartzite and siltite
		Gateway Formation		green/purple siltite, minor quartzite, dolomitic siltite
		Sheppard Formation		stromatolitic dolomite, green/purple siltite, quartzite and sandy dolomite
			"Lava and Sediment" Unit	massive to amygdaloidal andesitic flows, volcanic and feldspathic sandstone, siltite and minor dolomitic siltite
			"Non-dolomitic Siltite: Unit	green/purple siltite
Middle Proterozoic	Purcell Supergroup (continued)	Kitchener Formation	Upper Unit	silty dolomite, grey dolomitic siltite, grey siltite, sandy dolomite, stromatolitic dolomite
			Lower Unit	green/grey dolomitic siltite, green siltite, minor dolomitic quartzite
		Creston Formation	Upper Unit	green/purple siltite, dolomitic siltite, white quartzite
			Middle Unit	green siltite
			Lower Unit	purple/grey/green coarse siltite to fine grained quartzite, white quartzite, green/grey siltite
		Aldridge Formation		grey siltite and argillite with dolomitic siltite horizons near top
				quartzite, grey siltite and argillite

Source: Masters, 1990

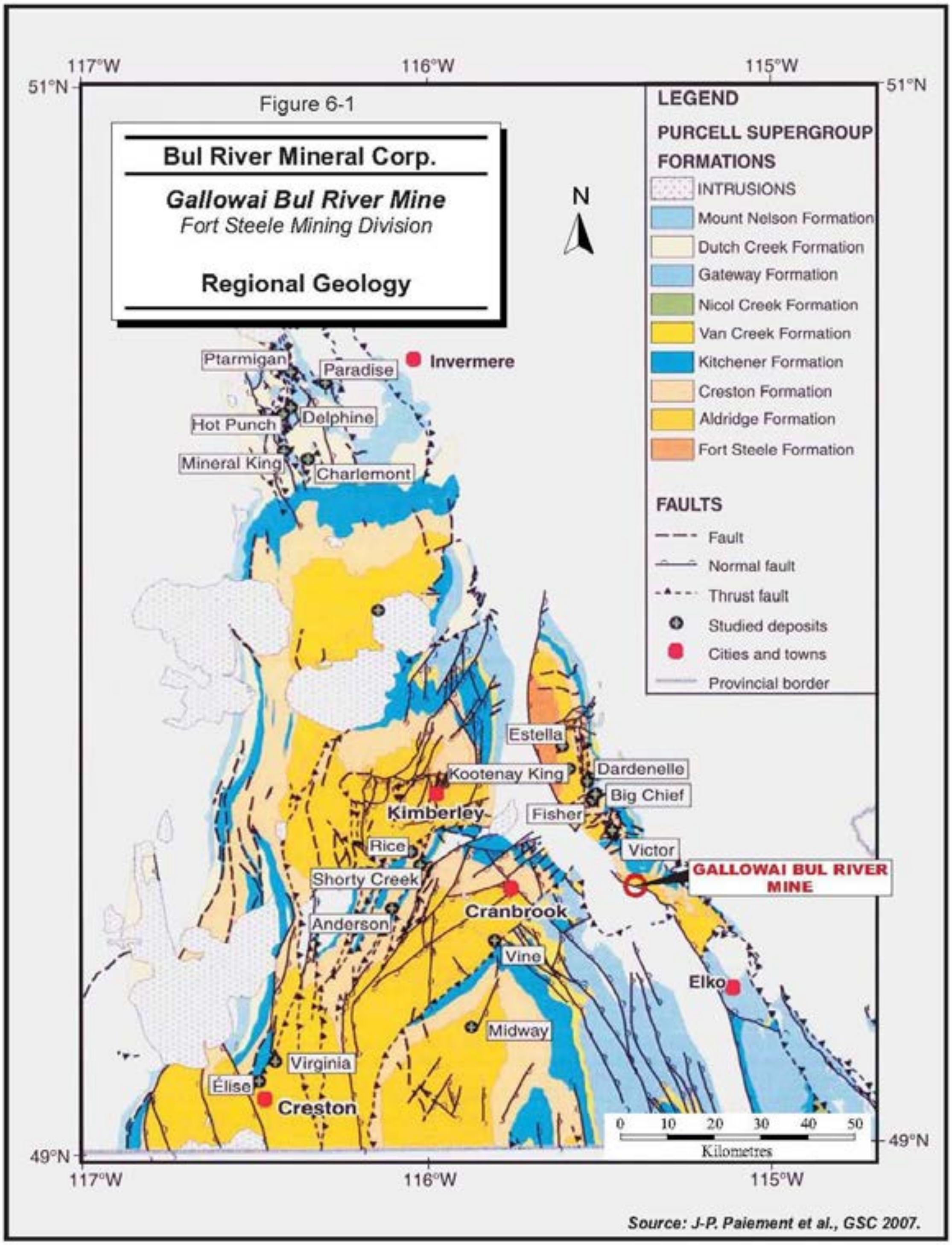

Figure 6-1 Regional Geology

7. MINERALIZATION

The GBRM mineralized zones comprise a vertical to sub-vertical network of sulphide-bearing quartz carbonate veins striking approximately east-west hosted in sheared and brecciated Aldridge Formation sediments. The vein systems form complex networks within, and adjacent to, the shear zone and often encompasses crushed, deformed, and brecciated host rocks (Baldys, 2001). Host rocks are either partly silicified and chloritized argillites, argillaceous quartzites and quartzites (Masters, 1990). The veins pinch and swell forming stockworks or thick tabular bodies that are often cut by smaller veins and stringers of quartz and quartz-siderite. The main vein structure and associated stringer zones can range from a few centimetres to 30m wide. In 1991, Masters defined five sub-parallels to en echelon “vein systems” and differentiated them from the Pit Zone that lies within the footwall (Masters, 1991). Mineralization consists of pyrite, pyrrhotite, and chalcopyrite with minor local galena, sphalerite, arsenopyrite, and cobaltite and traces of tetrahedrite and native gold. Sulphides range from massive, irregular bodies within the vein system to thin discontinuous veins, veinlets, and disseminations in the host rock (Höy et al., 2000). Gangue mineralogy of the veins is variable, with the eastern parts of the deposit consisting of quartz and siderite. The western part of the vein system is dominated by siderite (Baldys, 2001).

DEPOSIT TYPES

The Bul River deposit displays characteristics of a relatively low tonnage, high-grade Churchill-type vein copper-silver deposit. Frequently occurring in Proterozoic-age extensional sedimentary basins, Churchill-type deposits are associated with rifting can comprise single vein to complicated vein systems that vary from centimetres to tens of metres in width, and can extend hundreds of metres along strike and down dip. Commonly hosted in clastic metasediments, veins and vein systems are often spatially associated with mafic dykes and sills. The veins are generally associated with major faults related to crustal extension that controls the ascent of hydrothermal fluids to favourable sites for metal deposition. Fluids are believed to be derived from those mafic intrusives that are associated with the vein systems. Mineralization in Churchill-type deposits is predominantly chalcopyrite, pyrite, and chalcocite with subordinate pyrrhotite, galena, bornite, tetrahedrite, argentite, and covellite and is generally younger than the host lithology. Dilation of veins is commonly caused by cross-structures or folding and results in concentrations of mineralization. Likewise, the intersection of veins is a locus of ore deposition. Mineralization can occur as massive and/or semi-massive sulphides that may be identified as conductors by electromagnetic (EM) surveys. Mafic intrusive bodies and related structures can be defined by magnetic, very low frequency (VLF), or EM surveys. Alteration usually occurs within host rock in contact with veins and up to tens of metres from the veins with carbonatization and silicification as typical alternation types in metasediments (BC MINFILE). As a vein deposit, GBRM shares similarities with the St. Eugene deposit and, to a lesser extent, with Coeur d’Alene District’s quartz-Fe carbonate-galena-sphalerite-tetrahedrite deposits. The St. Eugene deposit is the largest vein deposit in the Purcell Supergroup and produced about 113kt of lead, 182t of silver, and 80kg of gold from 1.5Mt of ore mined between 1899 and 1929 from Upper Aldridge and Creston Formation rocks. It is hosted by clastic sediments metamorphosed and intruded by igneous rocks during the East Kootenay Orogeny (Lydon, 2007). Veins exhibit en echelon orientation with considerable bifurcation, divergence, and attitudinal digression typical of veins noted in deposits within the Coeur d’Alene District (de Souza, 2000).

8. GEOLOGICAL PROGRAM

Moose Mountain Technical Services (MMTS) was hired in 2011 to follow recommendations presented in RPA's March 2011 Technical Report. The goal of this work was to compile sufficient data to allow for the estimation of Mineral Resources at GBRM. RPA notes that the proposed work was budgeted in excess of C$900,000 and that MMTS followed some, but not all, of RPA's recommendations due to fiscal and time constraints.

Work done by MMTS comprised logging and sampling of sections of unlogged core, core photography, specific gravity (SG) and rock quality designation (RQD) measurements on drill core, the re-assaying of CanTech laboratory sample pulps found in storage at the GBRM, data compilation and data verification.

2011 LOGGING AND SAMPLING CONDUCTED BY MMTS

Verification sampling was undertaken by MMTS on behalf of Bul River in 2011 under the direct supervision of Robert J. Morris, Principal Geologist and QP and a defined set of written protocols. The work was conducted by MMTS associates with the exception of three rotational Bul River employees who were involved in cutting, moving, and sorting core-boxes. Sampling included the following:

- 1,126 sample pulps (including blanks and standards) located and sent for re-assaying,
- 80 drillholes logged and 1,193 samples (including blanks and standards) taken,
- 342 samples from 24 drillholes tested for specific gravity.

Some of the previously unlogged and non-sampled core was cross-stacked rather than stored in the covered racks, thus exposed to the elements. Some of these cross-stacked boxes were moved to the pre-fabricated core racks before they were inspected. The core boxes already in the racks were tagged twice, on the end and top, with embossed metal labels and placed in covered racks that were otherwise exposed. Drill core footage blocks were visible and easily read. Drilling was conducted in imperial measure and MMTS did not convert down-hole distances to metric before logging (as was previously done by Bul River).

Due to the magnitude of the number of drillholes drilled but not logged or sampled, and time constraints, MMTS selectively logged and sampled drillholes with obvious mineralization, veining, and structure. The selected holes were photographed and measured against footage markers to establish core recovery. RQD measurements were taken and the core was logged for lithology, alteration, and structure (in imperial units). Bedding and vein angles were noted with respect to the core axis. Where mineralization was oxidized, the core was cut in half longitudinally to result in a fresh surface being available for inspection.

Samples were selected by the logging geologist with uniquely numbered core tags stapled to the core box. Red flagging was placed at the beginning and end of each sample interval. As the entire hole was not logged, logging was done by sample interval and sample numbers were noted in the drill logs. By MMTS convention, samples were a minimum of 0.3m and a maximum of 1.5m in length, but preferably one metre long samples. In randomly selected holes, sampling was also continued into at least 0.5m of the footwall and hanging wall of the mineralized zones. The hanging wall and footwall are composed of argillite, while the vein is quartz-carbonate with sulphide mineralization (chalcopyrite, pyrite and pyrrhotite).

Drill core selected for sampling was halved longitudinally, using a core saw, as laid out by the logging geologist. The core was cut, but not sampled, by a Bul River employee. Both halves of the core were returned to the core box and sampling was done by the logging geologist. One half of the core was placed in a plastic sample bag along with a tag that matched the one affixed to the core box. The sample bag was closed using a “zap strap” plastic tie, stored in an MMTS vehicle, and taken off-site every evening. Samples were stored in the local town of Fernie, BC until a sufficient number were accumulated for shipping to the laboratory via commercial carrier. The remaining core was returned to the racks, in an orderly manner, for future reference and sampling.

Existing pulps from samples analyzed at CanTech and GBRM were also collated for re-assay by MMTS. The pulps had been stored at the GBRM site and dutifully tracked; MMTS verified their sample numbers against a master list provided by Bul River.

2011 SAMPLING BY MMTS

Recently logged core samples and selected historical assay pulps and rejects have been analyzed by ACME Analytical Laboratories Ltd. (ACME) in Vancouver, BC. ACME is certified ISO 9001:2008 and is pending ISO/IEC 17025 accreditation. All work done by MMTS was designed by and carried out under the supervision of Robert Morris, P.Geo, who meets the definition of a Qualified Person (QP) as defined by NI 43-101.

The MMTS sampling program had two components. The first consisted of re-assaying existing pulps, following established quality assurance/quality control (QA/QC) procedures, which had been returned to the GBRM from CanTech and had been stored, under lock and key, at the GBRM assay laboratory. These duplicate assays also provide a check of the original CanTech and GBRM assay laboratory results. The second component of the program was the original assaying of core that had been unlogged and unsampled before MMTS’ arrival. These new core samples were subject to the same QA/QC procedures as the CanTech sample pulps.

As part of QA/QC procedures, one each of a standard, blank, and duplicate samples are placed within every 25 samples. When starting a new sample tag book, tags are marked for blank, standard, and duplicate, randomly within each set of 25 tags. These QA/QC samples are then bagged with the corresponding tags when core/pulp samples are bagged. Three standards are used; one higher than expected metal values, one at approximately the same value as expected metal values, and one lower than expected metal values. These different standards are varied randomly throughout each set of 25 samples. Blanks and standards are obtained from WCM Minerals. Duplicate samples are taken as quarter core. Duplicate samples are marked randomly within each set of 25 samples. Duplicate samples were not used in the pulps resampling.

The sample pulps submitted to ACME did not pass ACME’s preparation QA/QC protocols and were subsequently re-pulverized at additional cost. This preparation procedure, namely code P200, consists of drying the sample at 60°C and pulverizing to 85% passing 200 mesh (75μm). The samples were then subjected to the 7TD1 procedure which consists of a hot four-acid digestion for sulphide and silicate ores followed by copper and silver analysis using Induced Couple Plasma – Emission Spectroscopy (ICP-ES) on a minimum 1g pulp. For gold, the ACME procedure used was 3B01 which consists of a 30g fire assay fusion (FA) with final analysis by ICP-ES. For samples that were above the tolerances of this method, procedures G601 (FA on a 30g sample) and G612 (final gravimetric analysis of gold and silver) were used.

2011 SPECIFIC GRAVITY MEASUREMENTS
A number of holes were selected along the length of the Bul River deposit to have specific gravity measured on the mineralized core samples using a water immersion method. Specific gravity measurements were made on seven of the 2006 holes that were sampled during the 2011 program, as well as six of the holes that were drilled in 1999, six holes drilled in 2000, and five holes drilled in 2001. Core from 1999, 2000, and 2001 is stored in a warehouse at the Bul River Mine Camp, located near Galloway. Core logged and sampled in 2011 are stored in covered core racks at the mine site. Core from 2002 was to have been measured for specific gravity also but no sampled core was found for those holes. In total, 715 specific gravity measurements were made on core from 342 mineralized core samples involving a total of 24 drillholes.

2012 WORK PROGRAM
Work done by MMTS in 2012 was mainly underground sampling of the vein on seven levels. As well, a further 55 drillholes were logged and sampled. The objective of the MMTS sampling program was to develop a more complete database so that a better defined resource could be estimated. A detailed list of samples is given in Appendix C.

2012 UNDERGROUND SAMPLING CONDUCTED BY MMTS
Underground sampling was undertaken by MMTS on behalf of Bul River in 2012 under the direct supervision of Robert J. Morris, Principal Geologist and QP and a defined set of written protocols. The work was conducted by MMTS associates with the exception of four rotational Bul River employees who were involved in running the mining equipment and cutting the channel samples. In total, 2,149 samples (including QA/QC samples) were collected from 409 channels on seven levels of the underground.

The following outlines the procedures for underground sampling.

Face or Rib sampling:
- Measure the width of the face with a measuring tape, mark approximately 1m samples. Mark sample locations with spray paint, vertical lines indicating start/end of samples, and horizontal lines indicating the general area for BRM employees to sample along.
- Mark one sample into the HW and one into the FW where reasonable, generally easier to do this when sampling on a wall, where you can see the FW and HW clearly.
- BRM employees set up a tarp under the chipping area and use an air chipper to break rock from the face and collect it on the tarp. BRM employees chip along the line marked by MMTS, collecting an even amount of rock from along the line, to achieve the most representative sample possible.

Back sampling:
- Sample lines are marked every 8m along the drift, using the measuring tape. Each line is divided into approximately 1m samples across the width of the back. The back is typically 4 to 5m wide. Sampling is done from South to North (i.e. HW to FW sides of the vein)
- Sample locations (or sample line on the back) are measured from the nearest or most appropriate survey station.
- Using maps of the underground workings, the sample locations are plotted and coordinates for each sample line starting point are determined. The elevation of the nearest survey station is used for the elevation of the sample lines. Where samples are taken on a face, the distance

from the back to the sample line is measured, to determine the sample line elevation. The coordinates are entered into a database (excel). The sample lines are entered into the database as drillholes.

- Once a few sample stations are marked out, the geologist goes up in the bucket of the scoop, with a helper from BRM. The geologist marks one metre samples across the back. The geologist then goes down, and two BRM staff members go up in the bucket for chipping. A tarp is laid out in the bucket to collect the rock that falls during chipping. Once collecting the sample is complete the tarp is bundled up, and the sample is passed off to MMTS to bag, and tag.
- MMTS geologists supervise the chipping, to ensure it is conducted in an appropriate manner, and the most representative samples possible are obtained.

As part of QA/QC procedures for underground sampling, one standard and one blank are tagged, bagged, and placed within each set of 25 samples. The same set of standards and blanks are used for underground sampling as are used for core sampling. Duplicates are taken where feasible- one in every 25 samples when sampling along the back for many samples. Sampling is easier when along a face or rib; therefore more frequent duplicate samples are taken when sampling a face or rib. Samples were stored in the underground vehicle during the day and taken off site every evening. Samples were stored in the local town of Fernie, BC until a sufficient number were accumulated for shipping to the laboratory via commercial carrier.

2012 DRILL CORE SAMPLING CONDUCTED BY MMTS

Drill core sampling was undertaken by MMTS on behalf of Bul River in 2012 under the direct supervision of Robert J. Morris, Principal Geologist and QP and a defined set of written protocols. The work was conducted by MMTS associates with the exception of three rotational Bul River employees who were involved in cutting, moving, and sorting core-boxes. In total, 432 core samples (including QA/QC samples) were collected from 55 drillholes. Drillholes selected for sampling in 2012 included holes that were within the zone of the vein structure as determined by the 3D model, holes determined to have previously not had sufficient information to be used in a resource estimate, and holes that had no geology record or had mineralized zones that had not been previously sampled. The same sampling procedure was the same as that used in the 2011 core sampling.

The same QA/QC procedures from 2011 core sampling were followed for core sampling in 2012. A portion of the core sampled in 2012 was previously sampled core, i.e. half core; as a result, quarter core was sampled in these areas and duplicate samples were taken only of samples where whole core was present.

2012 MISCELLANEOUS SAMPLING CONDUCTED BY MMTS

Miscellaneous sampling was undertaken by MMTS on behalf of Bul River in 2012 under the direct supervision of Robert J. Morris, Principal Geologist and QP and a defined set of written protocols. In total, 62 coarse reject samples and 13 pulp samples were collected from various drillholes. As well, 33 samples were tested by total metallics assay. The same QA/QC procudures were followed for this sampling program; one standard and one blank sample are sent to the lab within each set of 25 samples. Coarse reject and pulp samples were analyzed to obtain infill data and/or to compare assay results to previous results from the Bul River and CanTech assay laboratories.

2012 SAMPLING BY MMTS

All samples have been analyzed by ACME Analytical Laboratories Ltd. (ACME) in Vancouver, BC. ACME is certified ISO 9001:2008 and is pending ISO/IEC 17025 accreditation. All work done by MMTS was designed by and carried out under the supervision of Robert J. Morris, P.Geo, who meets the definition of a Qualified Person (QP) as defined by NI 43-101.

The preparation procedure, namely code P200, consists of drying the sample at 60°C and pulverizing to 85% passing 200 mesh (75µm). The samples were then subjected to the 7TD1 procedure which consists of a hot four-acid digestion for sulphide and silicate ores followed by copper and silver analysis using Induced Couple Plasma – Emission Spectroscopy (ICP-ES) on a minimum 1g pulp. For gold, the ACME procedure used was 3B01 which consists of a 30g fire assay fusion (FA) with final analysis by ICP-ES. For samples that were above the tolerances of this method, procedures G601 (FA on a 30g sample) and G612 (final gravimetric analysis of gold and silver) were used. The total metallics assay procedure uses a 500g split from the reject which is screened to produce a plus(+) and minus(-) fraction with a 200M screen. From the minus fraction (-200), a 30g split is taken and analyzed by G601 Au fire assay. The Au will be reported as "-Au" in the final report. From the plus fraction, the *entire* plus fraction is tested by Gravimetric fire assay. The weight will be reported as "+Wt". The Au will be reported as "+Au". Combine both –Au and +Au result, we will calculate the total Au count. This is reported as "TotAu".

2012 SPECIFIC GRAVITY MEASUREMENTS

Specific gravity testing on drill core using a water immersion method continued in 2012. Specific gravity measurements were made on 54 drillholes for a total of 936 specific gravity measurements (Appendix D).

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Canada.

10. Certificate and Signature Page

CERTIFICATE OF QUALIFICATIONS: ROBERT J. MORRIS
I Robert J. Morris, Principal Geologist, Moose Mountain Technical Services hereby certify that:

1. This certificate applies to the assessment report titled ***Geological, Geochemical, and Drilling Report on the Gallowai – Bul River Mine Property***, pursuant to Records of Work filed with the BC Mineral Titles Office on 17 April 2013.
2. I am independent of the Stanfield Mining Group of Canada and work as a consultant geologist.
3. That I graduated as a geologist from the University of British Columbia, Vancouver, with a degree of Bachelor of Science in 1973.
4. That I graduated as a geologist from Queen's University, Kingston, Ontario, with a degree of Master of Science in 1978.
5. That I am a member in good standing of the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration #18,301).
6. That I have been involved in the mining and mineral industry with work on grassroots exploration projects through to mining projects since my graduation in 1978.
7. That I am familiar with the subject area from fieldwork since 1979 and that I personally wrote and supervised the preparation of this report.

Dated this 17th day of April 2014; in Fernie, British Columbia

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R.J. Morris, M.Sc., P.Geo.

APPENDIX A – Hourly Breakdown for MMTS and Bul River (Apr2012-Jan2013)

Moose Mountain

APRIL Timesheet
2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2	0.5								
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15	0.5								
16	1								
17	5	3.5							
18									
19	3	4							
20		3.5							
21									
22									
23									
24	1								
25	2.5							1	
26		2.5							
27	2								
28									
29									
30									
Total hours	**15.5**	**13.5**	**0**	**0**	**0**	**0**	**0**	**1**	**0**

Moose Mountain

MAY Timesheet

2012

	Associate hours									
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2									
3									
4									
5	1								
6									
7									
8	1								
9	3	2.5		1		2			1
10	7	8		8		9			7.75
11	7.5	8.5		8		9			8
12									
13	1.5			2					
14	6.5	10		9.5		9			9.5
15	7.5	10		9.5		9			10
16	8	10	9	9.5		9			10
17	4.5	10	9	9.5		9			10
18	5.5	9.5	9	10		9			9.75
19									
20									
21	0.5	4.5		1.5					
22	7	10	9	10		9			10
23	9	10	9	10		9			9.75
24	2.5	9.5	9	10		9			10
25		9.5	9	9.5		9			9.5
26									
27									
28	1	9	8	10		9			10
29		10	9.5	9.5		4			9.5
30		9.5	8.5	9		9			9.75
31	1.5	10	10	9		6			10
Total hours	**74.5**	**150.5**	**99**	**145.5**	**0**	**129**	**0**	**0**	**144.5**

Moose Mountain

JUNE Timesheet

2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1	2	9.5	9	9.5		9.5			10
2									
3		1							
4		10	8	9.5		9.5			10
5		10	9.5	9.5		9.5			9.75
6	7	10	9.5	10		9.5			10
7		1	9.5	9.5					9.5
8			9.5	8.5					10
9									
10									
11	1	10	9	10		9.5			
12		10	9	9		9.5			9
13	8	9	9.5	9		9.5			9.5
14		8.5	8.5	9		9.5			8.75
15		10	9.5	9		9.5			9.75
16		3							
17	1								
18	2	9.5	9.5	9		9.5			9.75
19		9.5	9.5	9		9.5			9.75
20	0.5	10	9.5	9		9.5			9.5
21		10	9.5	9		9.5			9.75
22	4	10	9.5	9		9.5			9.75
23					4				
24		2							3
25	3	10	9.75	9		9.5			9.25
26	1.5	10	9.5			9.5			9.5
27		10	9.25	9		9.5			9.5
28	0.5	10	9.5	9.5		9.5		1	9.25
29		9.5	9.5	2					9.25
30		6							
Total hours	**30.5**	**198.5**	**195.5**	**177**	**4**	**171**	**0**	**1**	**194.5**

Moose Mountain

JULY Timesheet
2012

	Associate hours									
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2				9					
3	5.5	10	9.5	9	2	10			10
4	8	10	9.5	9		10			9.75
5	2.5	9.5	9.5	9	1	9.5			9.5
6	9.5	9.5	9.5	9		9.5			9.75
7									
8									
9		9.5	9.5	9		9.5			9.5
10	0.5	9.5	9.5	9	1	9.5			9.5
11		9.5	9.5	9		9.5			9.5
12		10	9.5	9		9.5			9.5
13		9.5	9.5	9.5		9.5			9.75
14									
15									
16		10	9.5	9		11			10
17		10	10	9		9.5			10
18		10	9.5	9		10			10
19		10	9.5	9		9.5			10
20		10	10	9				2	10
21									
22									
23	2	10	9.5	9		9.5			9.5
24	9	10	9.5	9.5		9.5			9.5
25	3	10	9.5	9		9.5			9.5
26		10	9.5	9					9.5
27	1.5	10	9.5	9		9.5			9.5
28									
29		0.5							
30	1.5	10	9.5	9.5		9.5			9.5
31	4	10	10	9.5		10			10
Total hours	**47**	**207.5**	**201**	**200**	**4**	**184**	**0**	**2**	**203.75**

Moose Mountain

AUGUST Timesheet

2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1		9.5	10	9					9.5
2		1	9.5	9					9.75
3			9.25	9		9.5			9.75
4									
5									
6		0.5							
7		9	9.25	9		9.5			9.5
8		10	9.5	9		9.5			9.5
9		9		9		5			
10	1	9		9					
11									
12									
13		9		9					
14		10		9					
15	4	10		9	2	7		1	
16	1	9.5		9.5					
17		9.5		9.5					
18		3.5							
19		8							
20		10		9			1	1	
21	1	10		9.5			5		
22		9		9			4	1	
23		9.5		9					
24		9.5		9.5			4		
25									
26									
27	10	10					6		
28	10	10					6		
29	1.5	9.5					2		
30		9					6		
31		9.5							
Total hours	**28.5**	**203.5**	**47.5**	**155**	**2**	**40.5**	**34**	**3**	**48**

Moose Mountain

SEPTEMBER Timesheet

2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2									
3									
4		8					6		
5		9.5					6		
6	0.5	6.5							
7		10					5		
8									
9									
10		8.5							
11		9					8		
12	2	9							
13	0.5	10							
14		4.5					3		
15								2	
16							4		
17		4.5					8	2	
18	5	4					8		
19		0.5					8		
20							8		
21	0.5	1.5					8		
22									
23							5		
24		0.5					7		
25							8		
26									
27							1		
28									
29									
30									
Total hours	**8.5**	**86**	**0**	**0**	**0**	**0**	**93**	**4**	**0**

Moose Mountain

OCTOBER Timesheet

2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2									
3							8		
4							8		
5					1		4		
6									
7									
8									
9							6		
10							6		
11									
12							4		
13									
14									
15									
16									
17							1		
18									
19	7.5								9.5
20									
21	0.5								
22	0.5	1.5							
23		3.5							
24	1	2							
25		0.5							
26									
27									
28									
29									
30									
31		1.5							
Total hours	**9.5**	**9**	**0**	**0**	**1**	**0**	**37**	**0**	**9.5**

Moose Mountain

NOVEMBER Timesheet

2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1		0.5							
2									
3									
4									
5		1							
6									
7	0.5								
8									
9									
10									
11									
12									
13									
14									
15	0.5								
16									
17		1							
18							2		
19		2							
20									
21	1	2							
22									
23	4								
24									
25	4								
26	4								
27	6	7.5							
28	2								
29	0.5								
30									
Total hours	**22.5**	**14**	**0**	**0**	**0**	**0**	**2**	**0**	**0**

Moose Mountain

DECEMBER Timesheet
2012

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1									
2									
3									
4									
5	5								
6		2							
7	1								
8									
9							3		
10	0.5				0.5				
11									
12	0.5						1		
13	2	4.5							
14	1								
15									
16									
17	4	1			2				
18									
19									
20	3						2.5		
21	3				2		1.5		
22								1.5	
23									
24					2				
25									
26									
27									
28									
29									
30									
31									
Total hours	**20**	**7.5**	**0**	**0**	**6.5**	**0**	**8**	**1.5**	**0**

Moose Mountain

JANUARY Timesheet

2013

	Associate hours								
Date	**RJ Morris**	**J Galbraith**	**M Lennox**	**H Evans**	**K Molnar**	**B Larsen**	**D Anderson**	**D Reeves**	**G Stockey**
1	1								
2	1								
3	1.5								
4					2				
5									
6					4.5				
7	1				3				
8	0.5								
9	3.5								
10	6								
11	5								
12	1								
13	2								
14									
15	1.5								5
16	0.5								
17								1	
18									
19									
20									
21									
22									
23									
24									
25									
26	1.5								
27									
28									
29							2		
30									
31									
Total hours	**26**	**0**	**0**	**0**	**9.5**	**0**	**2**	**1**	**5**

Stanfield Mining Group (Total Hours and Days Worked)								
	Hours Worked					Days Worked		
	Jim Halwas	**Ray Lasalle**	**Stan Muglich**	**Peter Fudge**	**Ivan Novak**	**Tim Hewison**	**Ross Hewison**	**Pacific Rock Works**
08-May-12						1		
09-May-12						1		
23-May-12	8							1
24-May-12	8	8						1
29-May-12	8		8					1
30-May-12	8	8	8	8				1
31-May-12	8	8	8	4				1
01-Jun-12	8	8	8	8				1
04-Jun-12	8		8	8				1
05-Jun-12	8	8	8	8				1
06-Jun-12	8	8	8	8				1
07-Jun-12	8	8	8	8				1
08-Jun-12	8	8	8	8				1
11-Jun-12	8		8	8				1
12-Jun-12	8		8	5.5				1
13-Jun-12	8	8	8	6.5				1
14-Jun-12	8	7	8	7				1
15-Jun-12		8	8	8				1
19-Jun-12	8	8		8	8			1
20-Jun-12	8	8		8	8	1	1	1
21-Jun-12	8	8		8	8			1
22-Jun-12	8	8		8	8			1
25-Jun-12	8	8		8	8			1
26-Jun-12	8	8	8	8	8			1
27-Jun-12	8	8	8	7	8			1
28-Jun-12	8	8	8	8	8			1
03-Jul-12	8	8	8	7	8			1
04-Jul-12	8	8	8	7	8			1
05-Jul-12	8	8	8	7	8			1
06-Jul-12	8	8	8	7	8			1
09-Jul-12	8	12	8	7	8			1
10-Jul-12	8	12	8	7	8	1	1	1
11-Jul-12	8	12	8	7	8	1	1	1
12-Jul-12	8	12	8	7	8	1	1	1
13-Jul-12	8	12	8	7	8	1	1	1
16-Jul-12	8	8	8	7	8	1	1	1
17-Jul-12	8	8	8	7	8	1	1	1
18-Jul-12	8	8	8	7	8	1	1	1
19-Jul-12	8	8	8	7	8			1
20-Jul-12	8	8	8	7	8			1
23-Jul-12	8	8	8	7	8			1
18-Sep-12						1	1	
Total	**304**	**291**	**256**	**263**	**184**	**11**	**9**	**39**

APPENDIX B – Snowden Technical Report – March 2013

Final

Gallowai-Bul River Technical Report
Project No. 12V1249

March 2013

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IMPORTANT NOTICE

This report was prepared as a National Instrument 43-101 Technical Report, in accordance with Form 43-101F1, for Bul River Mineral Corp by Snowden. The quality of information, conclusions, and estimates contained herein is consistent with the level of effort involved in Snowden's services, based on: i) information available at the time of preparation, ii) data supplied by outside sources, and iii) the assumptions, conditions, and qualifications set forth in this report. This report is intended to be used by Bul River Mineral Corp subject to the terms and conditions of its contract with Snowden. That contract permits Bul River Mineral Corp to file this report as a Technical Report with Canadian Securities Regulatory Authorities pursuant to provincial securities legislation. Except for the purposes legislated under provincial securities law, any other use of this report by any third party is at that party's sole risk.

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Tables

Figures

Appendices

1 Summary

This Technical Report refers to the Gallowai Bull River Mine ("GBRM"), a deposit containing copper, gold, and silver located near Cranbrook, British Columbia. Snowden Mining Industry Consultants ("Snowden") was retained by Bul River Mineral Corp ("BRM") and Gallowai Metal Mining Corp ("Gallowai") to complete an update of the Mineral Resource and accompanying Technical Report as a result of the successful completion of phase one recommendations set forth in the RPA Technical Report dated March 30, 2012 ("RPA Report"). This Technical Report conforms to NI43-101 Standards of Disclosure for Mineral Projects. Snowden visited the BRM property on August 27 and August 28, 2012.

The project currently consists of a mineralized deposit containing copper, gold, and silver. Underground infrastructure to access this mineralization includes a mine ramp, ventilation raises, sumps, surface shop, and mobile equipment fleet. There is a 750 ton per day conventional mill with an adjoining crusher building, fine ore bin, and concentrate storage area. On the property there is an administration, security, assay laboratory, metallurgical laboratory buildings and support infrastructure. The mine is currently not operating.

Snowden understands that this Technical Report will be used to disclose the updated Mineral Resources on the project. The effective date of this report is December 13, 2012. The work on this Technical Report included a site visit in July of 2012.

1.1 Mineral Resource Estimate

Snowden conducted an update of the estimate of the Mineral Resource at the GBRM. The results of the updated Mineral Resource estimate at the base case CuEq cut-off of 0.6% CuEq are shown in

Table 1.1 and Table 1.2 and over a range of cut-offs in Table 1.3 and Table 1.4. The effective date of the estimate is December 13, 2012.

Table 1.1 Indicated Tonnes and grade at 0.6 CuEq base case cut-off

Classification	CuEq Cut-Off	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Indicated	0.6	1,732	1.79	1.47	68,200	11.4	636	0.4	20

Table 1.2 Inferred Tons and grade at 0.6 CuEq base case cut-off

Classification	CuEq Cut-Off	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Inferred	0.6	1,484	1.69	1.42	55,200	10.9	519	0.3	13

Notes:

1. *CIM definitions were followed for Mineral Resources.*
2. *Mineral Resources are estimated over a range of cut-off grades based on copper equivalent (CuEq). Equivalency factors include consideration of:*
   a. *Metal prices – US$3.50 per lb Cu, US$26 per oz Ag, and US$1,500 per oz Au. Assuming a US$/C$ exchange rate of US$1.00 to C$1.00 .*
   b. *Metallurgical recoveries – 90% Cu, 90% Ag, 70% Au*
3. *The operating costs used in estimating the cut-off grade are based on deposits with similar mineralization to Bul River.*
4. *Snowden did not carry out any economic analysis on the Project.*
5. *Numbers may not add due to rounding.*

Table 1.3 Inferred Tonnes and grade above a range of cut-offs

Classification	CuEq Cut-Offs	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Inferred	0.0	3,090	0.96	0.8	65,600	6.3	625	0.2	17
Inferred	0.2	2,420	1.19	1	63,500	7.7	599	0.2	16
Inferred	0.4	1,985	1.39	1.17	60,700	8.9	570	0.2	15
Base Case	**0.6**	**1,484**	**1.69**	**1.42**	**55,200**	**10.9**	**519**	**0.3**	**13**
Inferred	0.8	1,222	1.9	1.61	51,300	12.4	487	0.3	12
Inferred	1.0	1,069	2.05	1.74	48,200	13.4	461	0.3	10
Inferred	1.2	895	2.23	1.9	43,900	14.4	414	0.3	9
Inferred	1.4	771	2.38	2.03	40,400	15.3	378	0.3	9
Inferred	1.6	679	2.5	2.13	37,400	15.9	348	0.4	8
Inferred	1.8	572	2.65	2.26	33,400	16.7	306	0.4	7
Inferred	2.0	474	2.8	2.4	29,300	17.6	269	0.4	6

Notes:

1. *CIM definitions were followed for Mineral Resources.*
2. *Mineral Resources are estimated over a range of cut-off grades based on copper equivalent (CuEq). Equivalency factors include consideration of:*
   a. *Metal prices – US$3.50 per lb Cu, US$26 per oz Ag, and US$1,500 per oz Au. Assuming a US$/C$ exchange rate of US$1.00 to C$1.00 .*
   b. *Metallurgical recoveries – 90% Cu, 90% Ag, 70% Au*
3. *The operating costs used in estimating the cut-off grade are based on deposits with similar mineralization to Bul River.*
4. *Snowden did not carry out any economic analysis on the Project.*
5. *Numbers may not add due to rounding.*

Table 1.4 Indicated Tonnes and grade above a range of cut-offs

Classification	CuEq Cut-Offs	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Indicated	0.0	2,816	1.21	0.99	75,400	7.7	700	0.3	24
Indicated	0.2	2,461	1.37	1.12	74,300	8.7	687	0.3	24
Indicated	0.4	2,045	1.59	1.3	71,600	10.1	663	0.3	22
Base Case	**0.6**	**1,732**	**1.79**	**1.47**	**68,200**	**11.4**	**636**	**0.4**	**20**
Indicated	0.8	1,406	2.04	1.69	63,200	13.3	601	0.4	18
Indicated	1.0	1,204	2.23	1.85	59,200	14.7	568	0.4	16
Indicated	1.2	1,069	2.37	1.98	55,900	15.7	541	0.4	14
Indicated	1.4	947	2.51	2.1	52,400	16.8	512	0.4	13
Indicated	1.6	812	2.68	2.25	47,900	18.2	475	0.4	11
Indicated	1.8	666	2.89	2.45	42,500	20.1	430	0.4	9
Indicated	2.0	564	3.07	2.62	38,200	21.7	393	0.4	7

Notes:

1. *CIM definitions were followed for Mineral Resources.*
2. *Mineral Resources are estimated over a range of cut-off grades based on copper equivalent (CuEq). Equivalency factors include consideration of:*
   a. *Metal prices – US$3.50 per lb Cu, US$26 per oz Ag, and US$1,500 per oz Au. Assuming a US$/C$ exchange rate of US$1.00 to C$1.00 .*
   b. *Metallurgical recoveries – 90% Cu, 90% Ag, 70% Au*
3. *The operating costs used in estimating the cut-off grade are based on deposits with similar mineralization to Bul River.*
4. *Snowden did not carry out any economic analysis on the Project.*
5. *Numbers may not add due to rounding.*

1.2 Interpretations and Conclusions

Snowden and Moose Mountain Technical Services ("MMTS") offer the following conclusions:

- The work completed by contractor MMTS has resulted in an acceptable drillhole database for use in a Mineral Resource estimate.
- The work by MMTS has followed industry standards for data and sampling QA\QC protocols.
- The drillcore logging, sampling, and security protocols were found to be acceptable and appropriate for this particular type of mineralization. Underground channel sampling, re-sampling of historic drillcore, and bulk density measurement methodology was inspected during the site visit and found to be done to a reasonable standard and can be used for Resource Estimation.
- None of the assay results from the Munich University ("MU") or AuRIC laboratories were used for either grade modelling or interpolation.
- The verified database consists of 269 diamond drillholes, 409 underground channel samples.

1.3 Recommendations

This Technical Report is an update of the Resource Estimate reported in the Roscoe Postle Associates Inc. ("RPA") Technical Report dated March 30, 2012. Snowden recommends based on the comprehensive sampling, logging, and geologic interpretation and comparisons between the Resource Estimate in RPA (2012) and the revised tonnages and grades reported in this updated Technical Report, that GBRM proceed with a preliminary economic assessment. In Snowden's opinion the preliminary economic assessment is the next logical step in the development of GBRM. The drilling programs outlined are proposed to gather the requisite samples and information required for a more detailed geometallurgical, geotechnical, and engineering analysis and design studies required for inclusion in a preliminary economic assessment. Upon a successful completion of the preliminary economic assessment report a pre-feasibility study should be conducted.

- Bul River should continue with the improvements to the current database by organizing and compiling data following the documented procedures for re-logging and sampling un-sampled historic drillcore.
- Under the direction of Qualified Person, drill holes should be designed and drilled to provide material for metallurgical testing.
- Mineralogical test work should be conducted on selected samples to confirm and expand knowledge and understanding of the mineralization style.
- Specific Gravity measurements should continue to be taken with any additional drilling.
- A drilling program to consist of 24 diamond drillholes (4,200 m) for resource development and verification and to provide:
  - detailed information for geotechnical assessment
  - detailed geologic logging of host lithologies and structures
  - geometallurgical samples for detailed mineralogical analysis

  - increases in indicated and inferred categories.
- A drilling program to consist of 6 diamond drillholes (1,200 m) for metallurgical testing.

The proposed budget for the work program is outlined in Table 1.5.

Table 1.5 Bul River Mine Proposed Work Program Budget

Work Description	CDN$
4,200 m underground drilling (NQ) drilling at GBRM (24 holes)	300,000
2,400 m underground drilling (NQ) drilling at GBRM (six holes)	140,000
Assaying for proposed drilling programs	200,000
Detailed geologic mapping (1 geo @ 1,300/day x 30 days)	39,000
Drill program supervision (2 geo @ 800/day x 60 days)	96,000
Re-sample assaying of historic core for copper, silver and gold	250,000
G & A	77,500
Contingency (15%)	115,000
Preliminary economic assessment	250,000
Total	1,467,500

2 Introduction

This Technical Report describes the GBRM property, a mineral exploration, development, and production area located approximately 30 km east of Cranbrook, in the Province of British Columbia. The GBRM is owned by the Stanfield Mining Group.

This Technical Report has been prepared by Snowden for BRM, in compliance with the disclosure requirements of the Canadian National Instrument 43-101 (NI43-101). The trigger for preparation of this report is the successful completion of the sampling program recommendation from the previous Technical Report which resulted in a material change to the resource.

Unless otherwise stated, information and data contained in this report or used in its preparation has been provided by GBRM and its personnel.

The Qualified Persons for preparation of the report is Walter A Dzick who visited the project site on July 27 and 28, 2012 and Abolfazl Ghayemghamian who has not made a current site visit but who oversaw the Resource Estimate. The effective date of this report is December 13, 2012.

The responsibilities of each author are provided in Table 2.1.

Table 2.1 Responsibilities of each co-author

Author	Responsible for sections
Walter A Dzick	1, 2, 3, 11, 12, 14, 24, 25, 26, 27
Robert Morris	4, 5, 6, 7, 8, 9, 10, 13, 23

Unless otherwise stated, all currencies are expressed in Canadian Dollars.

3 Reliance on other experts

This report has been prepared by Snowden for BRM and Gallowai. The information, conclusions, opinions, and estimates contained herein are based on:

- Information available to Snowden at the time of preparation of this report;
- Assumptions, conditions, and qualifications as set forth in this report; and
- Data, reports, and other information supplied by BRM and other third party sources.

For the purpose of this report, Snowden has relied on ownership information provided by GBRM. Snowden has not researched property title or mineral rights for GBRM and expresses no opinion as to the ownership status of the property.

Except for the purposes legislated under provincial securities laws, any use of this report by any third party is at that party's sole risk.

There has been no reliance on experts who are not Qualified Persons in the preparation of this report.

Figure 3.1 List of abbreviations

µ	micron	km^2	square kilometre
°C	degree Celsius	kPa	kilopascal
°F	degree Fahrenheit	kVA	kilovolt-amperes
µg	microgram	kW	kilowatt
A	ampere	kWh	kilowatt-hour
a	annum	L	litre
bbl	barrels	L/s	litres per second
Btu	British thermal units	lb	pound
C$	Canadian dollars	m	metre
cal	calorie	M	mega (million)
cfm	cubic feet per minute	m^2	square metre
cm	centimetre	m^3	cubic metre
cm^2	square centimetre	min	minute
d	day	MASL	metres above sea level
dia.	diameter	mm	millimetre
dmt	dry metric tonne	mph	miles per hour
dwt	dead-weight ton	MVA	megavolt-amperes
ft	foot	MW	megawatt
ft/s	foot per second	MWh	megawatt-hour
ft^2	square foot	m^3/h	cubic metres per hour
ft^3	cubic foot	opt, oz/st	ounce per short ton
g	gram	oz	Troy ounce (31.1035g)
G	giga (billion)	ppm	part per million
Gal	Imperial gallon	psia	pound per square inch absolute
g/L	gram per litre	psig	pound per square inch gauge
g/t	gram per tonne	RL	relative elevation
gpm	Imperial gallons per minute	s	second
gr/ft^3	grain per cubic foot	st	short ton
gr/m^3	grain per cubic metre	stpa	short ton per year
hr	hour	stpd	short ton per day
ha	hectare	t	metric tonne
hp	horsepower	tpa	metric tonne per year
in	inch	tpd	metric tonne per day
in^2	square inch	US$	United States dollar
J	joule	USg	United States gallon
k	kilo (thousand)	USgpm	US gallon per minute
kcal	kilocalorie	V	volt
kg	kilogram	W	watt
km	kilometre	wmt	wet metric tonne
km/h	kilometre per hour	yd^3	cubic yard
		yr	year

Units of measurement used in this report conform to the SI (metric) system.

4 Property description and location

GBRM is located approximately 30 km due east of the city of Cranbrook in the Regional District of East Kootenay in British Columbia (Figure 4.1). It is one of numerous properties held by the Stanfield Mining Group in the Fort Steele Mining Division of British Columbia. The properties, referred to as the Stanfield Holdings, comprise 139 claims covering 70,869.1 ha (Figure 4.2). The mineralized bodies that are the subject of the resource estimate in this report are shown in relation to the mineral lease in Figure 4.3.

The approximate centre of the GBRM property is within National Topographic Series Map reference 82G/11W at longitude 115° 22' 54" west and latitude 49° 30' 15" north. Universal Transverse Mercator (UTM) coordinates for the project centre utilizing projection North American Datum (NAD) 83, Zone 11 are approximately 616,952 m east and 5,484,446 m north. Access to GBRM from Cranbrook is via British Columbia Provincial Highway 3 to the paved, all-weather Wardner/Fort Steele Road and then the gravel, all-weather Bull River Road to the GBRM access road. The GBRM property has the remnants of previous mine operation including tailings impoundment, waste dumps, and two open pits. One pit has been backfilled with waste and the second pit is flooded. Numerous pads have been built for baseline testing of acid rock drainage and water quality monitoring.

4.1 Land Tenure

GBRM is underlain by Mineral Tenures 515055, 515057, and 515066 and Mining Lease 212493 (Figure 4.2). The Mining Lease covers 486.03 ha and includes surface rights in addition to mineral rights. The Mining Lease was granted in February 1972 and expires February 2023, with annual lease payments of $9,740.

Ross Stanfield purchased the assets of the past-producing Dalton Mine from Placid on March 5, 1976, and transferred the assets to Bul River under incorporation on March 17, 1976. Bul River is the operator. Gallowai has earned a 50% interest in GBRM through raising and expenditure of exploration dollars since incorporation in 1980 (de Souza, 1999). The Gallowai Bul River Mine name reflects the joint ownership by the two companies.

The Stanfield Mining Group consists of Bul River, Gallowai, Zeus Mineral Corporation Ltd. (Zeus Mineral), Fort Steele Mineral Corporation Ltd. (Fort Steele Mineral), Big Bear Metal Mining Corp (Big Bear), Giant Steeples Mineral Corp. (Giant), and White Cat Mining Corp. (White Cat). Gallowai and Bul River are 100% controlled by Zeus Mineral and Fort Steele Mineral and, through separate agreements, own 60% of the Stanfield Holdings (de Souza, 1999). Big Bear, Giant, and White Cat have, through separate agreements with Bul River and Gallowai, acquired their rights to specific claim groups in the Stanfield Holdings.

The British Columbia Hydro and Power Authority (BC Hydro) signed an agreement with Placid in July 1972 allowing for right of way (Easement F9558) over part of the GBRM property in perpetuity. Power is generated from the 24MW Aberfeldie hydroelectric power station located approximately 2.5 km east-southeast of the portal. The Canadian Pacific Railway main line also crosses part of the Stanfield Holdings. Placid had built infrastructure for shipping concentrate during production and this can be easily re-established.

GBRM has been awarded a “Small Mine” permit (permit number M-33 issued July 22, 2005) from the Ministry of Energy, Mines and Petroleum Resources (MEMPR) under the British Columbia Mines Act. This allows the mining operation to produce a maximum of 75,000 t of ore per year without the need to conduct a full Environmental Impact Assessment. A tailings disposal permit is still required. Other permits have been received and environmental baseline studies are ongoing. Bul River reports that an environmental assurance bond for C$489,506 is being held in trust by the British Columbia Minister of Finance as part of the Mine Closure Plan.

Bul River reports that current surface rights are inadequate for the storage of tailings and Bul River proposes that tailings be used for backfill. Studies will need to be conducted and approval will be required before any plan is implemented.

Bul River reports that there are no outstanding environmental liabilities associated with GBRM. Snowden has not independently verified this claim.

Bul River reports that Inspectors from the Ministry of Forests, Mines and Lands (MFML) regularly visit the site and that all work done to date is in compliance. Prior to the suspension of work in 2009, all work was done under the mine plan submitted to the MEMPR in 2007 by Bul River's Qualified Person (QP).

GBRM lies within the traditional use area of the Ktunaxa people and the Tobacco Plains Indian Band (BC Hydro, 2005). Bul River does not have any agreements in place with the local First Nations but reports that preliminary consultations have been positive.

Tables listing the claims covering the mine site and within the Stanfield Holdings can be found in Appendix 1.

Figure 4.1 GBRM Location Map

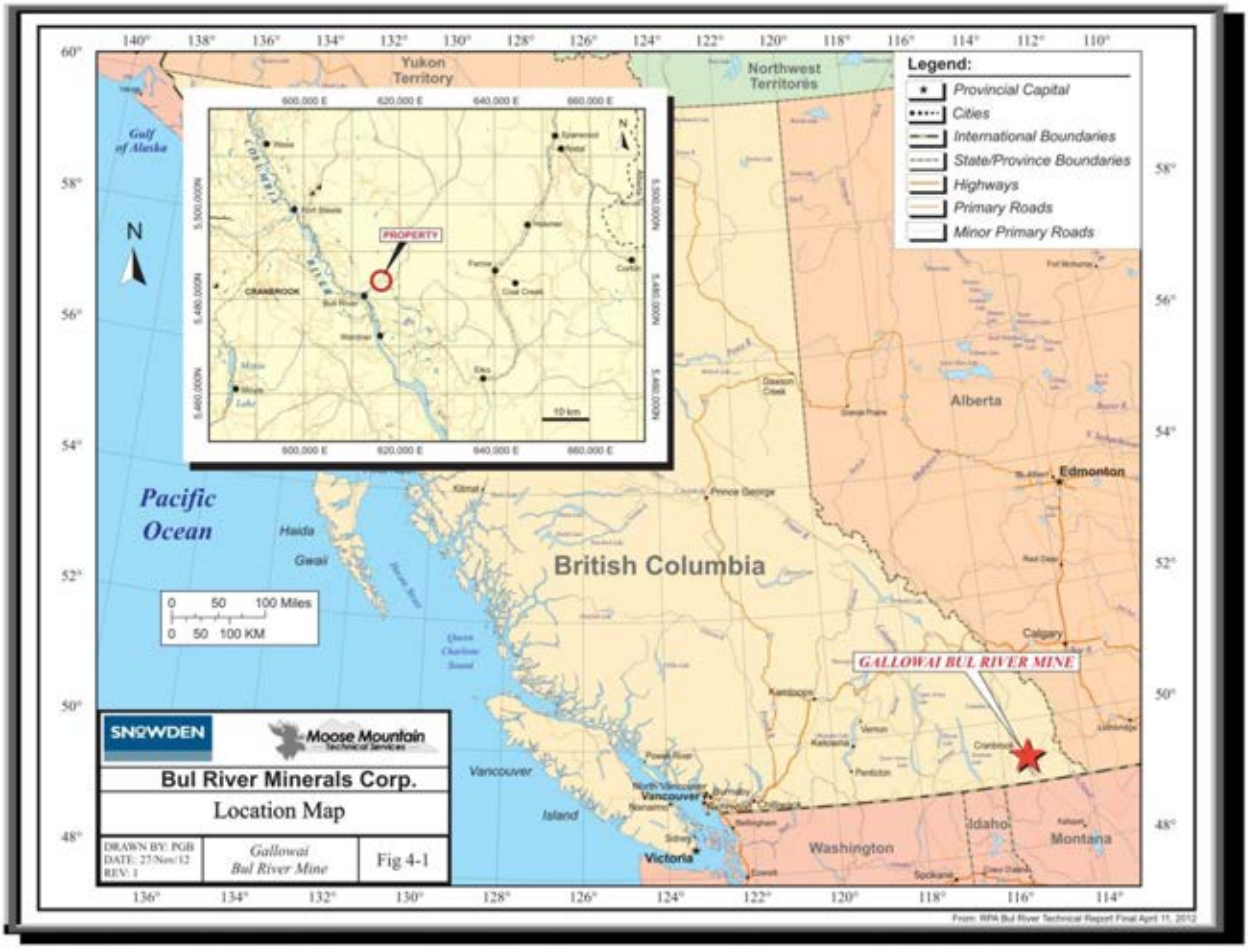

Figure 4.2 Stanfield Holdings 139 Claims Map

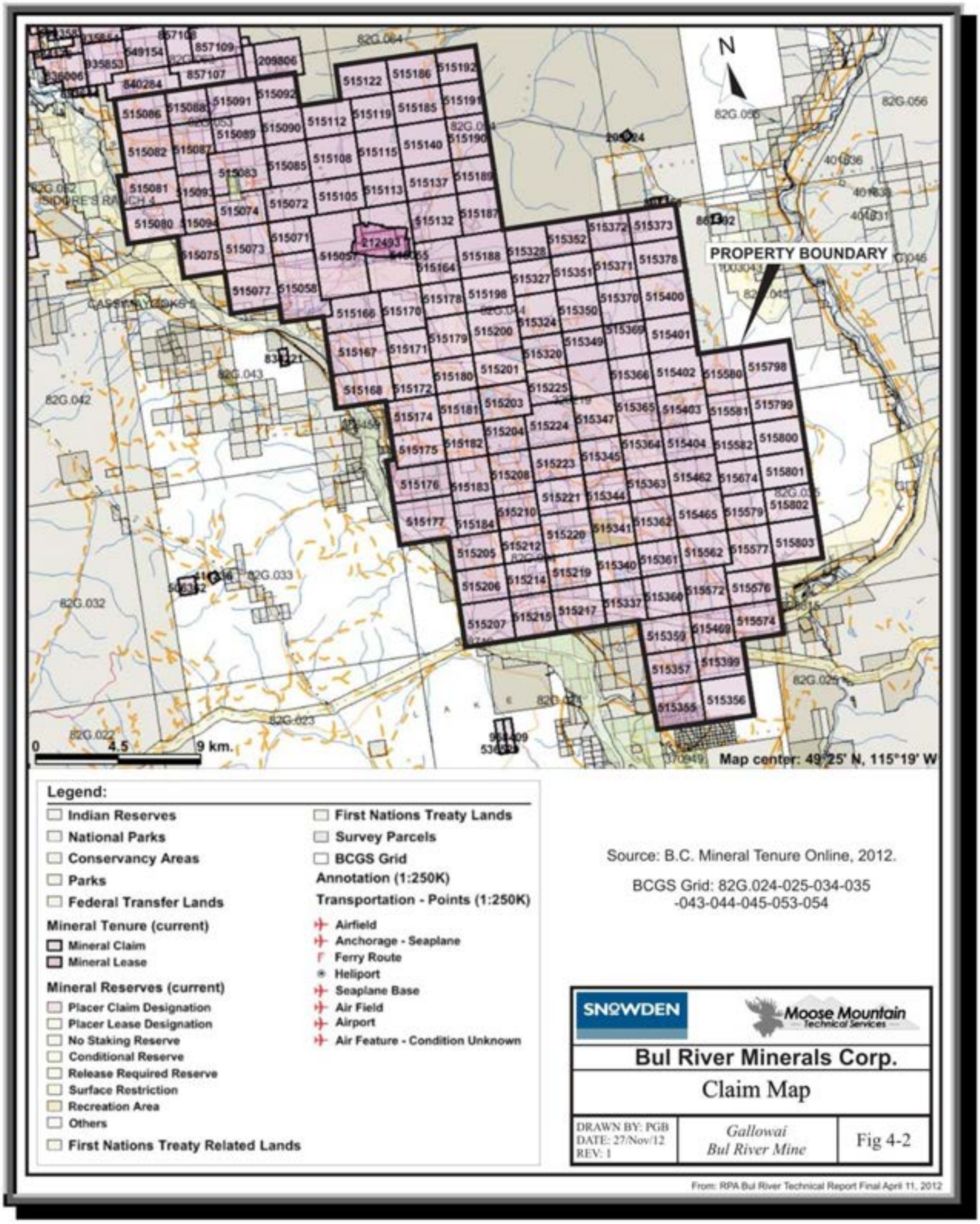

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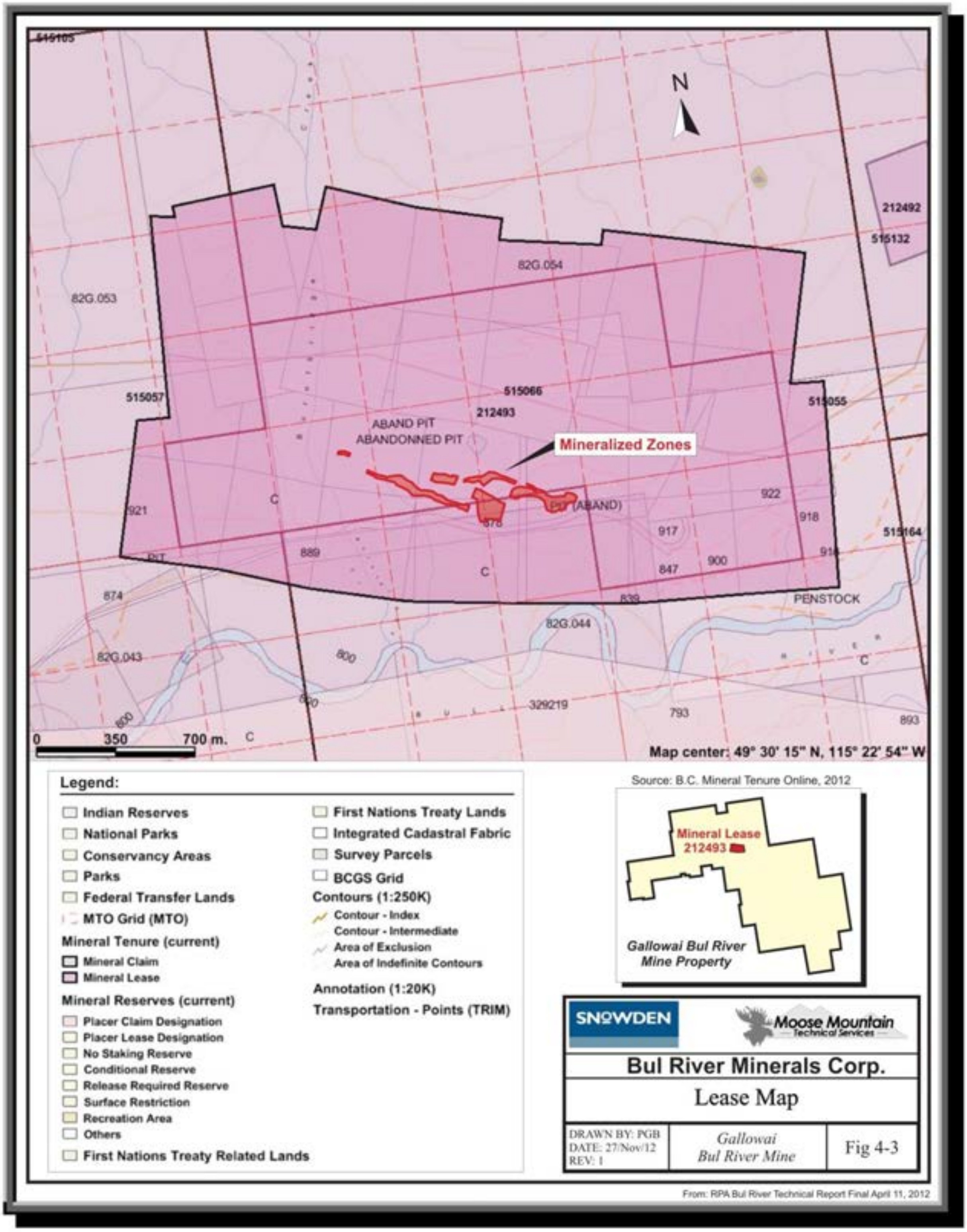
Figure 4.3 Mineralized Areas in relation to mineral lease



5 Accessibility, climate, local resources, Infrastructure and physiography

5.1 Accessibility

GBRM is located approximately 50 km by road from Cranbrook, British Columbia. Access to the GBRM property from Cranbrook is by driving northeast approximately 10 km via British Columbia Provincial Highway 3 (Crowsnest Highway) and then bearing southeast towards the town of Fernie, British Columbia, for approximately 26 km to the paved, all-weather Wardner Fort Steele Road. The Wardner Fort Steele Road is followed northwest for eight kilometres where it intersects the all-weather gravel Bull River Road. The Bull River Road is followed east-northeast for six kilometres to the GBRM mine access road.

5.2 Climate

The mean annual temperature is 8.5°C. Mean high temperatures occur in July and August, averaging 18°C, and lows in December averaging -7°C. Precipitation data from Environment Canada between 1971 and 2000 for Cranbrook shows an average annual precipitation of 403 mm (expressed in mm of water), with highest average precipitation in June (53 mm) and lowest in March (20 mm). There is an average of 69 days a year with precipitation in the form of rain and 32 days in the form of snow. Snowfall is recorded between October and May, with an annual mean of 13 mm (expressed in mm of water). The most snow falls in December which has a mean snowfall of four millimetres (expressed in mm of water).

Climate will not adversely affect operations and work can be carried out uninterrupted twelve months a year.

5.3 Local Resources

The Kootenay Regional District has a long history of mining activity, and mining suppliers and contractors are locally available. Both experienced and general labour is readily available from the city of Cranbrook with 18,270 inhabitants (2006 census) and other smaller East Kootenay communities in the vicinity with 1,819 inhabitants (2006 census). There is abundant water available to support mining operations.

5.4 Infrastructure

Currently, the major assets and facilities (with estimated areas) associated with GBRM are:

- The mineralized body (as defined with this report).
- An administrative building (690 m^2) containing dry facilities.
- An assay laboratory (242 m^2).
- A metallurgical laboratory (141 m^2).
- A 750 tpd conventional mill (2,020 m^2) with adjoining crusher building (280 m^2),fine ore bin (165 m^2), and concentrate storage facility (130 m^2).
- Mine shops (660 m2), electrical shop (140 m^2), core shack (80 m^2), Firehall (75 m^2), and Mine Rescue building (120 m^2).
- Electrical substation connected to 115 kV electrical transmission line, water wells, and septic system.
- Underground infrastructure including a mine ramp, ventilation raises, sumps, and mobile equipment fleet.
- Close proximity to a rail spur used by Placid during production but no longer active.

- Access by paved, all-weather roads.

5.5 Physiography

GBRM is located on the gentle slopes that form the base of the Steeples and Lizard Mountains which are part of the Rocky Mountain Front Range System. The project is located north of the meandering Bull River which makes up part of the Kootenay River watershed. GBRM portal elevation is approximately 950 MASL, with elevations within the Stanfield Holdings ranging from 760 MASL to 2,600 MASL.

The GBRM property lies within the Ponderosa Pine and Interior Douglas Fir biogeoclimatic zones. Grass and ground cover is dominated by rough fescue, pinegrass, Richardson's needlegrass, Idaho fescue, northwest sedge, and bluebunch wheatgrass. Shrubs found in the area include bearberry, Saskatoon and bitterbush (Ross, 2001). The terrain is characterized by open pasture and mature vegetation that is used as forage for domestic cattle, elk, big horn sheep, white tail and mule deer, and grizzly and black bears.

Overburden varies in depth and can be up to 200 m thick and minimal bedrock is exposed at surface.

6 History

Placer gold was first discovered in the early 1860's in the Bull River Canyon and numerous small mine workings have been excavated in the area since that time. No work was reported on the GBRM site until 1968 when Placid optioned the property. Initially, Placid was targeting dyke structures similar to those found at the Sullivan Mine and other Purcell Supergroup deposits but instead intersected supergene-type copper mineralization and an underlying copper-silver vein system.

The GBRM property hosts the historic Dalton Mine which started milling on October 1, 1971, and continued from two open pits until June 10, 1974, producing 7,260 t (16.0 M lb) of copper, 6,354 kg (204,274 oz) of silver, and 126 kg (4,055 oz) of gold from 471,900 t milled (BC MINFILE). The Dalton Mine was owned by Placid Oil Co. (Placid). Placid attempted to go underground to access additional resources but was unsuccessful in getting the portal collared in blocky ground.

Ross Stanfield purchased the assets of the Dalton Mine from Placid on March 5, 1976, and transferred the assets to Bul River under incorporation on March 17, 1976. Gallowai has earned a 50% interest in the GBRM property through raising and expenditure of exploration dollars since its incorporation in 1980. The Gallowai Bul River Mine name reflects the joint ownership by the two companies. Table 6.1 is a summary of major events from 1952 to 2010.

Table 6.1 Summary of Events at GBRM

Year	Event
1952	1st Claim Holding - with Private Syndicate took control of mineral claim groups near Galloway, Fort Steele mining Division, British Columbia. Commenced active exploration - mapping and compass surveying
1958	Acquisition of first two Cats (D7's) - one since sold. 1st Roadwork - Mountain #1 - Burt Group Reopened Adits - Mountain #1 - Strathcona Empire Reopened Rimrock Adits
1958/59	First Camp Cabins constructed
1959	First Air Drill and Diamond Drill Contracts
1960	Rental of third Cat 1960, Machine Shops constructed
26 May 1969	Fort Steele Mineral Corporation Ltd - INCORPORATED
1970/71	Major expansion of Claim Holdings
1971	Placid Oil commenced production at Bull River
1974	Placid Oil closed down Bull River
5 March 1976	Ross H. Stanfield Purchased assets (Mill and Mine Lands) from Placid Oil. Records of 49,280 feet of Diamond Drilling at Bull River of which 22,599 feet of logs and core were received
17 March 1977	Bul River Mineral Corporation Ltd - INCORPORATED
15 Dec. 1977	Zeus Mineral Corporation Ltd. - INCORPORATED
16 Jan. 1978	Commencement of G Zone Adit - Mtn #4 - 1100 feet
28 Feb. 1979	1st Billing Date for Company Owned Diamond Drill
2 Dec. 1980	Gallowai Metal Mining Corporation - INCORPORATED
31 Aug. 1988	Big Bear Metal Mining Corporation - INCORPORATED
8 Sept. 1988	Giant Steeples Mineral Corporation - INCORPORATED
20 Oct. 1988	White Cat Metal Mining Corporation - INCORPORATED
1996	Underground Mine development begins under Sancold Resources Contractors Inc
22 July 2005	75,000 Tonne/year permit obtained (Does not allow for disposal of tailings)
26 May 2010	Stanfield Mining Group of Companies is granted Creditor's Protection

6.1 Mine Site Exploration

Drilling at GBRM by Bul River began in 1981 and was conducted more or less continuously until 2009 in an effort to verify and expand Placid’s estimated underground resources and explore new targets. Drilling was done primarily from surface by Bul River personnel using company owned equipment. Locally, thick overburden cover necessitated the use of a rotary percussion drill to establish bedrock before a core drill could replace it and finish the drillhole. A detailed summary of exploration drilling is discussed in Item 10, “Drilling”.

Work was conducted at GBRM without the supervision of a QP after August 2007 until work was suspended in 2009.

6.2 Database Development

Starting in 1999, the sampling of drill core and underground channel cuts and sample preparation, security, and storage were conducted by an independent consultant under “chain of custody” protocols. The work was done by one consulting firm until 2003 except for a brief period in 2001 when a second team replaced them.

An electronic database has been developed at the property where data is current, although not complete, to 2006. A great deal of drilling was done subsequent to 2006 but not logged or sampled. MMTS' 2011 field program included re-assaying of available sample pulps and the logging and sampling of unexamined drillholes.

The assay database was inspected and found to contain numerous tables. One assay table contains results from CanTech and the GBRM assay laboratory, and were partially supported by hard-copy assay certificates. Only a portion of these data, however, has corresponding hard copies. The RPA Technical Report notes that mineral resource estimates produced post-2001 used only these data. CanTech is no longer in existence but operates as a consulting firm. Another assay table contains results from AuRIC laboratories of Salt Lake City, Utah.

In the early 1980's, a relationship was established with Munich University (MU) in Germany to provide assay services to the Stanfield Mining Group. Selected intersections from early drill programs were sent to MU and returned values that convinced Bul River that potentially unrecognized precious metals were present. The work done by the MU laboratory pre-dates ISO 9000 certification and RPA notes that the MU assay results were difficult to reproduce using industry-standard fire assay methods. Bul River was sufficiently encouraged that it used a rotary percussion drill on Placid's tailings in an effort to investigate the potential for unexploited gold. RPA was not able to locate the procedures for, or results from, this initiative, but it appears that it did not progress beyond the initial sampling program. As the MU assay data cannot be verified and, as mentioned, were difficult to reproduce using industry-standard fire assay methods, none of these data have been included in RPA's estimation of Mineral Resources. As stated above and for those reasons listed none of the MU assay data was used in the Snowden update to the Resource Estimate.

MMTS's work program in 2011 and 2012 included the verification and backup documentation of the database.

6.3 Underground Development

In 1996, work began on a 5.4 m wide by 4.5 m high decline at a 16% (or 15%?) gradient to provide access for underground drilling and sampling. Bul River reports that, to date, approximately 21,000 m of development have been done, including exposure of the mineralized structures on seven levels along access drives and crosscuts. Mapping and sampling of these headings were conducted by Bul River personnel and, later, by independent consultants contracted to the Stanfield Mining Group. Once these underground workings were established, underground diamond drilling was done by independent contractors.

Underground work at GBRM has consisted of development and sill drifting in mineralized material. Some of this broken material has been processed through the GBRM mill in test batches but the mine has not produced any ore.

Geological wireframe models of the quartz-siderite veins exist in the database. These were done by Bul River staff and geological consultants previously engaged. Bul River reports that excavation models of the underground workings based on survey data are current to the suspension of mining in 2009.

An underground mine plan was filed with the MEMPR in 2007 and all subsequent underground work was done following the parameters defined in that submission. Work underground continued, more or less, unabated until 2009 when work was suspended due to the lack of funds.

In 2012, MMTS continued work on the property by completing more drill core sampling and extensive underground sampling.

6.3.1 Historic Resource/Reserve Estimates

From 1970 to 2003, nine different non-NI 43-101 compliant mineral resource estimates were produced for the project, for both internal purposes and public disclosure, and are summarized in Table 6.2. The first seven estimates preceded the 2001 date that NI 43-101 Standards of Disclosure for Mineral Projects came into force. The last two estimates, produced in 2001 and 2003, were not publicly disclosed and did not report to be NI 43-101 compliant. As these "resources" and "reserves" do not comply with NI 43-101, they are not to be relied upon, and are quoted for historic purposes only.

These estimates have not been reviewed in any detail by Snowden or MMTS.

A report, entitled "1997 Exploration Report for Gallowai Metal Mining Corporation" by Precious & General Metals was issued quoting Kassa's non-NI 43-101 compliant mineral resources prepared in 1994 and was used to support an Offering Memorandum. This report, and other exploration reports, was the subject of an Association of Professional Engineers, Geologists and Geophysicists of Albert (APEGGA) disciplinary committee decision in 2007 where the author, the project's registered QP, was found to have issued a report that was "deficient and misleading".

In 1998, the Stanfield Mining Group's Consultant and Project Engineer released estimates of "Measured and Indicated Mineral Resources" at GBRM of 5.3 Mt averaging 2.25% Cu, 36 g/t (1.06 oz/ton) Ag and 12 g/t (0.35 oz/ton) Au, which was quoted in British Columbia Ministry of Energy and Mines publications (Höy et al., 2000). In 1999, three British Columbia Geological Survey (BCGS) geologists visited the GBRM property to gain a better understanding of the geology of the deposit and attempt to verify reported resource grades. Samples were taken from reference core and from underground workings that had intersected typical mineralized structures. The BCGS geologists could not confirm the gold grades reported by Bul River. As part of its 2010 site inspection, RPA took verification samples from underground and the comparison of those results against the BCGS results were disclosed in RPA's 2011 Technical Report and were found to compare favourably. These results are quoted in Section 14.

Table 6.2 Historic, Non-NI 43-101 Compliant Mineral Resource/Mineral Reserve Estimates

Author	Year	Classification	Tonnage (Mt)	Cu (%)	Ag (g/t)	Au (g/t)	Cut off grade
F.P. Kerr, P.Eng. (Placid)[1]	1970	Proven reserves	0.772	2.15	52.3	-	Unknown
M.C. Chiang (Placid)	1972	Mineral resource	0.732	1.94	-	-	1.0% Cu[2]
Kassa Resource Consultants[3]	1984	Probable reserves	2.00	2.25[4]	33.0[4]	10.9[4]	Unknown
Precious and General Metals[5]	1987	Unknown	Unknown				
Master Mineral Resources[6]	1990	Unknown	8.7	2.25	33.0	10.9	Unknown
Precious and General Metals	1994	Drill proven, possible, indicated & inferred reserves	8.7	2.25	33.0	10.9	Unknown
SMG's independent consultant	1998	Measured and indicated	5.3	2.25[7]	36.0[7]	12.0[7]	Unknown
Morton Limited Partnership[5]	2001	Inferred	0.288	3.03	22.0		1.0% Cu[8]
Greg Z. Mosher, P.Geo.[5]	2003	Inferred	1.52	1.87	15.2	0.2	1.0% Cu

<u>*Notes:*</u>

1) *Estimate done to support Placid's Pre-Feasibility Study.*
2) *A minimum 1.44 m mining width was used.*
3) *Based on assay data from Munich University.*
4) *Respective grades are averaged between classifications.*

5) *Calculated for internal analysis and not publically disclosed.*
6) *MMR estimated the tonnage of the quartz-carbonate vein material as 8.7 Mt but did not assign a grade. A grade was assigned by P&GM based on tonnage similarity with Kassa estimate.*
7) *Grade based on 1994 Kassa estimate.*
8) *A one-metre composite length was used.*

In 2011 RPA published a NI 43-101 Technical Report documenting the history of work on the property and making recommendations for data compilation and exploration.

In 2012 RPA published a NI 43-101 compliant resource estimate, showing an inferred resource of 746,000t grading 2.61% Cu, 16.40 g/t Ag, and 0.17 g/t Au. The RPA resource used a cut off grade of 1.9 % copper equivalent, where equivalency factors considered metal prices of US$3.50/lb Cu, US$26/oz Ag, and US$1,550/oz Au, a US$/C$ exchange rate of 1:1, metallurgical recoveries of 90% Cu, 90% Ag, and 65% Au. A minimum mining width of 3 m was used.

7 Geological setting and mineralisation

GBRM is located within the Belt-Purcell Basin, a Meso-Proterozoic intracontinental rift filled by marine and fluviatile sediments that comprise the Belt-Purcell Supergroup (Figure 7.1). Approximately 10% of the exposed area of these rocks is in Canada, where it is referred to as the Purcell Basin and Purcell Supergroup. The remaining 90% is within the United States where it is called the Belt Basin and Belt Supergroup (Lydon, 2007).

The western Rocky Mountains represent the eastern edge of the Purcell anticlinorium that abuts the Rocky Mountain thrust belt. Three tectono-stratigraphic terranes subdivide the area covered by the Stanfield Holdings. The Steeples Range domain is bounded to the north by the Dibble Creek fault and to the south by the Bull River Canyon fault and lies to the north of the other domains. The Sand Creek-Lizard Range domain lies south of the Bull River Canyon fault and north of the Sand Creek fault and contains the Lizard Range of mountains. The southern domain is the Broadwood Anticline whose boundary is the Sand Creek fault to the north and Mount Broadwood to the south. The Steeples Range and Sand Creek–Lizard Range domain are part of the Lizard segment of the Hosmer Thrust (Masters, 1990).

GBRM lies within the Rocky Mountain trench, which forms the valley of the Kootenay River system in the area, and is contained within the Hosmer thrust sheet east of the inferred trace of the Rocky Mountain trench fault. The Hosmer thrust sheet is the structurally highest thrust package in the Western Range of the Rocky Mountains. The Rocky Mountain trench fault is a west-side-down Tertiary normal fault with a minimum of five kilometres of vertical displacement. Structure in the area is dominated by broad, open, east-plunging folds (Höy et al., 2000). In the vicinity of GBRM, the trench is synclinal with major west dipping faults on its east side (Masters, 1990).

The GBRM deposit is hosted within the Aldridge Formation that lies at the base of the Purcell Supergroup. Within an approximate 30km radius of Cranbrook, British Columbia, the Aldridge Formation also hosts the Sullivan, Estella, Kootenay King, and St. Eugene mineral deposits (Allen, 1989). The Aldridge Formation is characterized by thick successions of graded sandy turbidites and interbedded laminated siltstones and argillites. The turbidites are intruded by the dioritic to gabbroic Moyie sills and dykes. To the east, the Upper Aldridge rocks, composed of argillites and siltites, overlie the turbidites. Mineralization is typically fine grained pyrite and pyrrhotite, up to several percent, that oxidizes when exposed on surface (Höy et al., 2000).

Regionally, the Moyie sills display the thrust and fold structures of the Late Jurassic to Early Cretaceous fault system that later cut the Tertiary-age Rocky Mountain trench fault (van der Velden and Cook, 1996). Extensional faulting and sporadic magmatism occurred from about 1,500 Ma to 1,320 Ma and is at least partially coincident with the East Kootenay Orogeny. The East Kootenay Orogeny reflects burial metamorphism of the thick sedimentary pile in the high geothermal gradient of an actively rifting environment. Syn-sedimentary faulting associated with rifting resulted in the rift-fill thicknesses of turbidites and intercalated sills of the Aldridge sequence of up to 12km. Two directions of syn-sedimentary faulting have been recognized: north to northwest trending rift-parallel (extensional) and east to northeast trending transfer faults. Examples of the former include faults that control the north trending Sullivan Corridor and the Iron Range fault northeast of Creston. Examples of the later include precursors to the Moyie-Dibble Creek fault, which lies north of GBRM, and St. Mary-Boulder Creek fault system (Lydon, 2007).

Beginning with the East Kootenay Orogeny, the northwest portion of the Purcell Basin appears to have been subjected to east-west faulting along with magmatic generation along its western boundary. During the subsequent Goat River Orogeny, the Purcell Anticlinorium was formed as a result of crustal shortening.

Further east, the Creston Formation is exposed. Creston Formation rocks comprise a shallow water platformal and fan-delta succession of predominantly quartzites and siltites. South of the Bull River, Creston Formation rocks are overlain by Kitchener Formation carbonate rocks. Cretaceous monzonite stocks intrude Purcell Supergroup rocks and younger Paleozoic shallow water sediments (Höy et al., 2000).

Table 7.1 Gallowai Bul River Mine Regional Stratigraphy

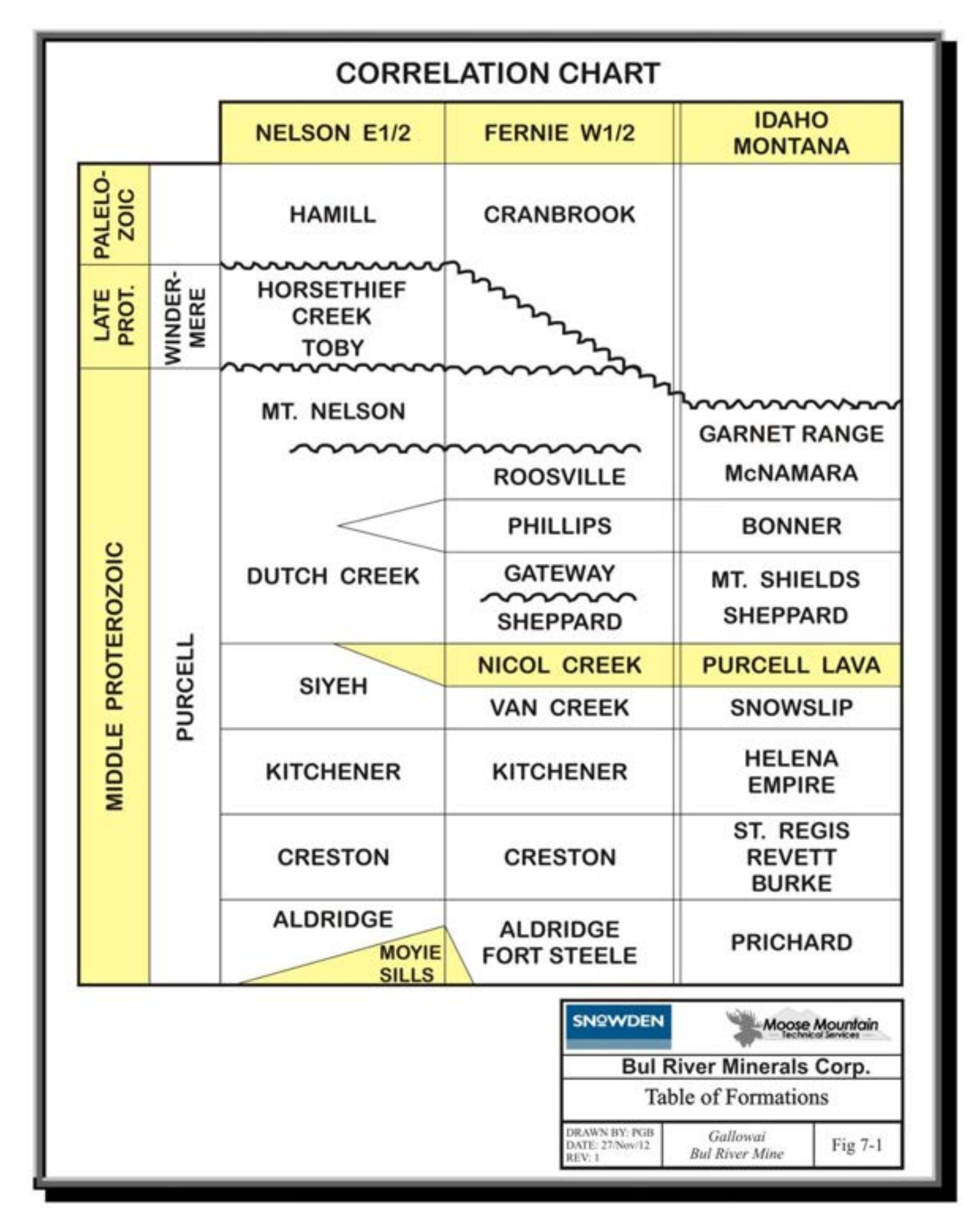
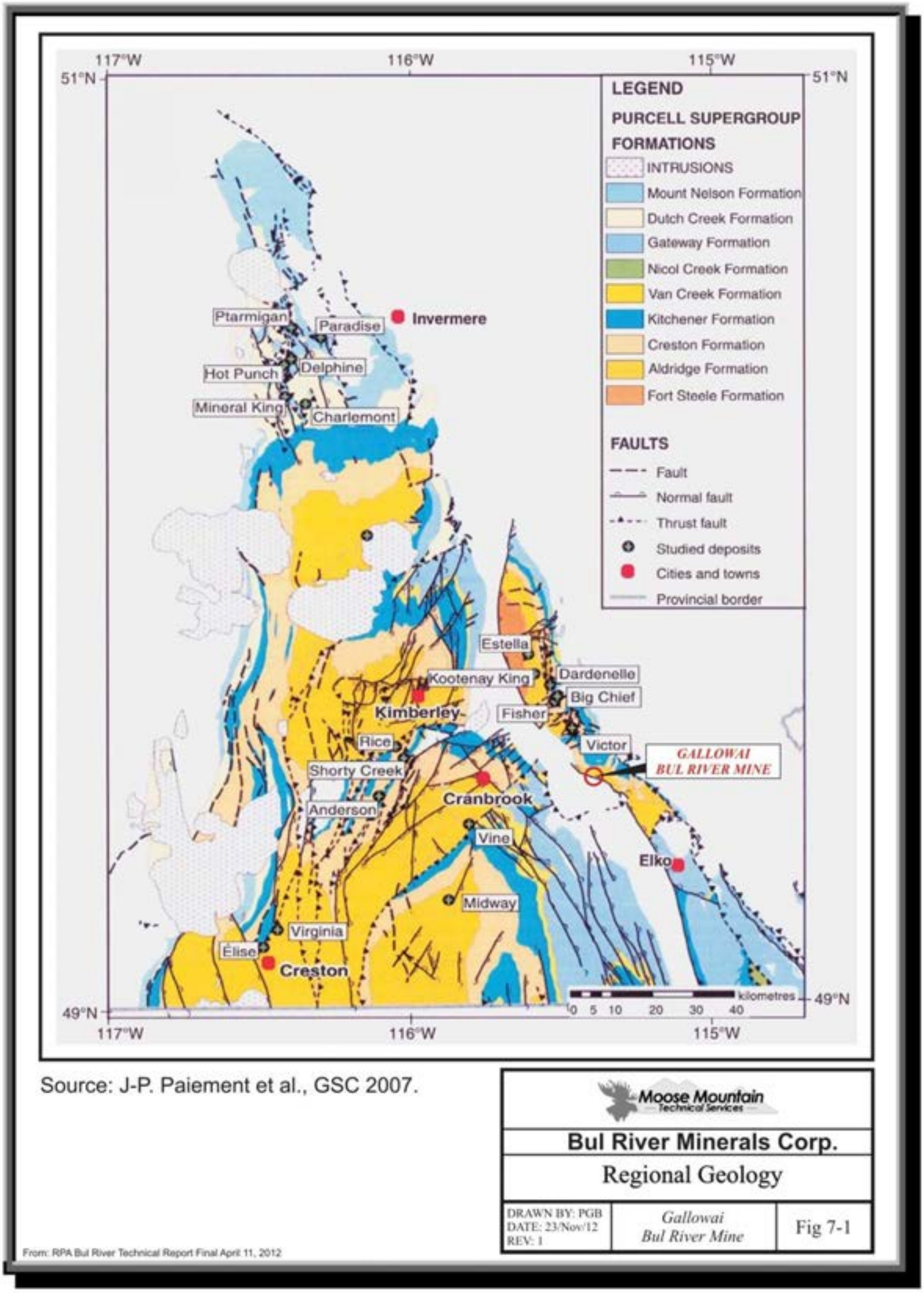


Figure 7.1 Regional Geology



7.1 Local geology

The GBRM deposit is hosted within poorly exposed graded turbidite beds of the middle Aldridge Formation of the Middle Proterozoic Purcell Supergroup. Interbedded quartzites, siltstones, and argillites make up a turbidite sequence whose bedding plane strikes approximately east-west and dips 20° to 30° to the north (Baldys, 2001). The host rocks of the deposit are a northward pinching series of anticlines and synclines (de Souza, 2000).

The quartzite unit is described by Baldys, 2001 as, in fact, thickly bedded quartz arenite and quartz wacke. The quartz arenite is dominated by sand-size fragments of quartz while the quartz wacke consists of poorly sorted mineral and rock fragments in a matrix of clay and fine silt. These arenite and wacke beds are up to one metre in thickness and are massive to graded, fining upward. Arenaceous beds are medium to thickly bedded and are commonly separated by thin layers of argillaceous siltstone.

Laminated siltstone is composed of organic carbon, biotite, feldspar, detrital quartz, sphene, tourmaline, apatite and, diagenetic pyrite, and pyrrhotite. Wispy or disseminated pyrrhotite is common and, along with pyrite, makes up less than two percent of unaltered rock.

The Aldridge Formation is intruded by a series of dykes varying in composition from diorite to gabbro known as the Moyie intrusive suite. The mid-Proterozoic Moyie dykes trend approximately east-west and dip at 30° to 80° to the south and are composed predominantly of hornblende and plagioclase phenocrysts in a fine grained groundmass of plagioclase, quartz, hornblende, chlorite and epidote (Baldys, 2001). These dykes have been traced from the Bull River eastward to the flank of Iron Mountain where they form the target of two adits (de Souza, 2001).

Overburden consists of Pleistocene glaciofluvial and colluvial sediments and varies in thickness across the GBRM property up to 200 m in thickness as defined by gravity surveys conducted in 2006.

7.2 Mineralisation

The GBRM mineralized zones comprise a vertical to subvertical network of sulphide-bearing quartz carbonate veins striking approximately east-west hosted in sheared and brecciated Aldridge Formation sediments. The vein systems form complex networks within, and adjacent to, the shear zone and often encompasses crushed, deformed and brecciated host rocks (Baldys, 2001). Host rocks are either partly silicified and chloritized argillites, argillaceous quartzites and quartzites (Masters, 1990). The veins pinch and swell forming stockworks or thick tabular bodies that are often cut by smaller veins and stringers of quartz and quartz-siderite. The main vein structure and associated stringer zones can range from a few centimetres to 30 m wide. In 1991, Masters defined five subparallel to en echelon “vein systems” and differentiated them from the Pit Zone that lies within the footwall (Masters, 1991).

Mineralization consists of pyrite, pyrrhotite, and chalcopyrite with minor local galena, sphalerite, arsenopyrite, and cobaltite and traces of tetrahedrite and native gold. Sulphides range from massive, irregular bodies within the vein system to thin discontinuous veins, veinlets, and disseminations in the host rock (Höy et al., 2000).

Gangue mineralogy of the veins is variable, with the eastern parts of the deposit consisting of quartz and siderite. The western part of the vein system is dominated by siderite (Baldys, 2001).

8 Deposit types

The Bul River deposit has been described as a Churchill-type vein copper-silver deposit (Lefebure, 1996). The deposit type displays characteristics of relatively low tonnage (typically range from 10Kt to 1Mt) but high-grade (typically range from 1% to 4% Cu). Frequently occurring in Proterozoic-age extensional sedimentary basins, Churchill-type deposits are associated with rifting, can comprise single vein to complicated vein systems that vary from centimetres to tens of metres in width, and can extend hundreds of metres along strike and down dip. Commonly hosted in clastic metasediments, veins and vein systems are often spatially associated with mafic dykes and sills. The veins are generally associated with major faults related to crustal extension that controls the ascent of hydrothermal fluids to favourable sites for metal deposition. Fluids are believed to be derived from those mafic intrusives that are associated with the vein systems.

Mineralization in Churchill-type deposits is predominantly chalcopyrite, pyrite, and chalcocite with subordinate pyrrhotite, galena, bornite, tetrahedrite, argentite, and covellite and is generally younger than the host lithology. Dilation of veins is commonly caused by cross-structures or folding and results in concentrations of mineralization. Likewise, the intersection of veins is a locus of ore deposition. Mineralization can occur as massive and/or semi-massive sulphides that may be identified as conductors by electromagnetic (EM) surveys. Mafic intrusive bodies and related structures can be defined by magnetic, very low frequency (VLF), or EM surveys.

Alteration usually occurs within host rock in contact with veins and up to tens of metres from the veins with carbonatization and silicification as typical alternation types in metasediments (BC MINFILE).

As a vein deposit, GBRM shares similarities with the St. Eugene deposit and, to a lesser extent, with Coeur d'Alene District's quartz-Fe carbonate-galena-sphalerite-tetrahedrite deposits. The St. Eugene deposit is the largest vein deposit in the Purcell Supergroup and produced about 113kt of lead, 182t of silver, and 80kg of gold from 1.5Mt of ore mined between 1899 and 1929 from Upper Aldridge and Creston Formation rocks. It is hosted by clastic sediments metamorphosed and intruded by igneous rocks during the East Kootenay Orogeny (Lydon, 2000). Veins exhibit en echelon orientation with considerable bifurcation, divergence, and attitudinal digression typical of veins noted in deposits within the Coeur d'Alene District (de Souza, 2000).

9 Exploration

Ross Stanfield purchased the assets of the Dalton Mine from Placid on March 5, 1976. There is no record of work until 1974 when exploration was conducted on nearby properties within the Stanfield Holdings (i.e., G-Zone and Copper King, see Item 23 “Adjacent Properties”).

Drilling at GBRM began in 1981 and was conducted more or less continuously until 2009 in an effort to verify and expand estimated underground resources and explore new targets. Drilling programs are discussed in detail in Item 10 “Drilling”.

In 1996, work began on a 5.4 m wide by 4.5 m high decline at a -15% gradient to provide access for underground drilling and sampling. Bul River reports that, to date, approximately 21,000 m of underground development have been done including exposure of the mineralized structures on seven levels along access drives and crosscuts.

Starting in 1999, underground sampling of development walls and stopes was conducted by independent contract workers. This work, along with surface and underground diamond drilling, and baseline studies, continued on the GBRM property under various practitioners until 2009 when work was suspended due to a lack of funds.

9.1 Geophysical Surveys

In 1978, approximately 1,000 line-km of aerial infrared photograph and 92.5 line-km of ground geophysical surveys were conducted over the 30 claim Steeples Group in the vicinity of GBRM. The purpose of the survey was to determine if infrared aerial photography or a ground EM survey could help discover and define mineral deposits on the Stanfield Holdings. The infrared photography failed to detect any additional mineralization and EM survey found weak conductors that did not display sufficient continuity for further investigation (Allen, 1978).

In 1981, a helicopter borne EM survey was flown over the Stanfield Holdings and identified two EM-magnetic anomalies in the vicinity of the GBRM. A ground geophysical program was recommended (Apex, 1981). RPA could find no evidence that this follow-up program was carried out.

In 1992, the Stanfield Holdings were explored again using helicopter-borne DIGHEM magnetic and EM surveys. Results were initially interpreted by CGG GEOTERREX-DIGHEM of Mississauga, Ontario, and correlated with the known geology by MMRS. Results, according to de Souza (1999), supported known geological interpretations.

9.2 Stream Sediment Geochemistry

A stream sediment sampling program was completed in 1998 over some, but not all, of the Stanfield Holdings. Bul River reported anomalous gold results from the Copper King and Trilby zones. Follow-up geological, geophysical, and geochemical surveys were recommended. MMTS has not seen any results from these proposed programs and does not know if the work was done or not.

10 Drilling

Drilling at GBRM began in 1981. A combination of percussion and diamond drilling was done from surface. Once the underground access was established, the majority of the drilling was pursued underground.

A great deal of work has been done at GBRM over the years, but documentation is incomplete. What follows is a summary of work compiled from available records, assessment reports filed with the BC government, and internal summary reports.

10.1 Percussion Drilling

Overburden thickness at the GBRM property can exceed 200 m locally. As a means to ensure that holes intersected bedrock, Bul River initiated a procedure where a truck-mounted rotary percussion drill was used to pre-collar diamond drillholes. The hole would be advanced and cased until bedrock was established and the percussion drill would be replaced by a diamond drill.

10.2 Diamond Drilling

The first surface diamond drilling was reported to have occurred in 1974. Early drillhole locations were documented on drill logs relative to Placid's mine grid. These mine grid coordinates were later converted by Bul River to UTM (NAD 83) coordinates prior to input into the database. In 1995, Cansel Survey Ltd. (Cansel) of Calgary, Alberta was contracted to survey historic drill collars using UTM (NAD 83) coordinates. Collar coordinates for holes drilled prior to 1995 which have not been resurveyed are not reliable because of the lack of completeness and the questionable dependability of the conversion. In 2012, MMTS and Bul River staff located many of the old drillhole collars on the mine property and verified the Cansel Survey work.

Drilling was done using a number of different diamond drills owned by the Stanfield Mining Group using company personnel. Drillholes were sometimes spotted using a compass and chain from reference points on the Placid mine grid or by Global Position System (GPS). The hole was started using the percussion drill that cased down through the overburden until bedrock was encountered. Once the hole was anchored, the percussion drill was removed and the core drill would set up on the established casing. Occasionally, the core drill would case through overburden as well as core the holes.

MMTS has relied on drilling statistics from Morton (2001a), shown in Table 10.1, but notes that often locations are not given. MMTS also notes that Morton included production statistics from drilling done on other areas within the Stanfield Holdings but outside of the GBRM property boundaries. This results in discrepancies between the reported work and records contained in the database. Assessment reports filed on the British Columbia Assessment Report Index System (ARIS) were searched, but not all work was filed. In total there was 100,005.1 m of surface diamond drilling completed on the entire property.

MMTS has verified 260 underground diamond drillholes and 25 surface diamond drillholes that have been used in the resource estimate. The underground drillholes total 63,721.8 m of drilling, while the twenty-five surface holes total 24,331.0 m of drilling for a total of 88,052.8 m.

Appendix B lists the drillholes used in the resource estimate and shows the location of the holes, total depth of drilling, orientation of the holes, and the mineralized intervals in each hole. As the mineralized bodies are generally steeply dipping, the relationship between true thickness and drilled thickness is variable. Drillholes collared from underground were typically oriented to intersect the mineralization close to right angles, though the drillholes from surface had more difficulty intercepting the mineralization at high angles. In MMTS's opinion, the difference in intersection widths is relatively minor and will have no material impact on the resource estimate. Recovery and RQD has been recorded for all of the drillholes examined by MMTS. Core recovery typically is acceptable.

Table 10.1 Summary of Drilling, Bul River Mines and Area

Year	Event	UG Diamond Drilling (m)	Diamond Drilling (m)	Percussion Drilling (m)
1974	Underground Drilling at Rimrock - Wescore Drilling Ltd Contract	?		
1975	5 Diamond Holes - Wescore - O.K.Claims		?	
1976	12 Diamond Drill Holes - Wescore		?	
1979	5 Diamond Drill Holes on Cedar 8 and Cedar 10		?	
1979	Underground Diamond Drilling at G Zone	?		
1980	Commenced Copper King exploration - Diamond Drilling		3920.3	
1981	Major Drilling program for Reserves Expansion at Bull River commences - Diamond Drill Holes		5733.6	
1982	Continuation of Reserves augmentation at Bul River – Diamond Drilling		3219.9	
1983	Porcupine Hill Drilling - 3,474ft		1058.9	
1984	Mine site		1036.3	868.7
1985	Aspen and East/West Steeples		66.8	899.5
1986	One hole mine site and Cedar, eight holes Aspen		2648.1	552.6
1987	Three holes mine site, one Cedar, 30 holes Aspen, Alder, Balsam, Dogwood, Elderberry, Steeples claims		2853.2	2812.4
1988	Two holes mine site, 25 holes at Aspen, Cedar, Dogwood, Elderberry, Steeples claims		1488.3	1837.3
1989	Five holes mine site, one at Aspen, 15 at Steeples claims		5284.0	1367.3
1990	13 holes mine site, 20 holes Aspen and Cedar claims		6272.5	2263.7
1991	7 holes mine site, 5 holes Dogwood and Elderberry claims		4545.8	247.8
1992	Four holes mine site, two holes Cedar claim		2851.1	0.0
1993	Two holes mine site		1908.1	0.0
1994	One hole mine site, four holes Aspen and Steeples claims		406.0	617.8
1995	Two holes mine site		2139.1	0.0
1996	One hole Cedar,19 holes Aspen Feldspar, Dogwood, EC, Joy, Steeples claims		157.0	2830.1
1997	Five holes Burt, Cedar, Joy, EC claims, 12 holes Aspen Feldspar, mine site, EC, Dogwood, Joy claims		3877.4	1145.1
1998	Underground drilling, Boisvenu, six holes mine site, six holes Aspen Feldspar	6508.0	6737.0	
1999	Underground drilling, Boisvenu, four holes Aspen Feldspar	11169.0	1741.0	
2000	Underground drilling, Boisvenu	13275.7		

Year	Event	UG Diamond Drilling (m)	Diamond Drilling (m)	Percussion Drilling (m)
2001	Underground drilling, Boisvenu	5629.5		
2002	Underground drilling, Boisvenu, one hole Cedar claim	846.0	1332.6	
2004	Underground drilling, Boisvenu, 9 holes Grand	2743.3	3015.0	
2005	Underground drilling, Atlas, 9 holes Grand, one hole Steeples claim	541.5	5317.0	
2006	Underground drilling, Atlas, two holes mine site	431.1	590.0	
2006	Underground drilling, Advanced	12187.1		
2007	Underground drilling, Cabo, three holes mine site, two Aspen claim, 9 across Bull River	4189.0	7024.0	
2008	Underground drilling, Cabo, 18 holes mine site, two Aspen, 9 across Bull River	7615.9	19676.0	
2009	Underground drilling, Cabo, six holes mine site west, one hole Big Sand Cr.	7350.8	5106.0	
	Totals =	**72,486.9**	**100,005.1**	**15,442.7.2**

11 Sample preparation, analyses, and security

11.1 Sampling

Written protocols for historical sampling exist but are not dated; therefore, MMTS cannot, with any degree of confidence, presume that these procedures were followed from the inception of drilling at GBRM. Other sampling protocols were documented in 2001 and appear to have been followed until 2009 when drilling was suspended.

The verification sampling undertaken by MMTS in 2011, on behalf of Bul River, has been done under the direct supervision of a QP and a defined set of protocols (Moose Mountain, 2011).

11.2 Pre-2001 Sampling

The written protocol states that, for diamond drill core, the logging geologist was responsible for documenting the recovery, RQD and lithology and marking intervals for sampling. Prior to 1999, this work was conducted by Bul River personnel. In 1999, verifiable “chain-of-custody” protocols were initiated that saw the logging and sampling of drill core and underground channel samples conducted by individuals independent of Bul River (Mosher, 2003).

Samples were designated on 2 m intervals in zones of weak or absent alteration and mineralization. If alteration and mineralization were favourable, samples were taken on intervals of one metre or less. Zones of poor recovery were sampled only between wooden blocks inserted by the drilling contractor (core run interval). Intact core was halved longitudinally by a core saw. Duplicate sample tags were written with one tag placed in the sample bag to accompany the halved core to the laboratory and the other was affixed to the core box.

Sample tags were prepared by the logging geologist and accompanied the samples to the laboratory. An inspection of early drill logs by MMTS found limited entries for RQD or core recovery and no other dedicated RQD files were located in the electronic or hardcopy databases. For percussion drill samples, the logging geologist was required to weigh each sample and log it for recovery, RQD, and lithology. MMTS could not locate any percussion drill logs.

11.3 2001 - 2009 Sampling

In 2001, a more rigorous program of data collection and management was implemented that included written protocols for logging, sampling, and sample preparation. Some of the program was short lived, but other aspects carried on. All procedures written for drill core applied to re-sampling as well as primary sampling. MMTS notes that these new protocols were implemented when the original “chain-of-custody” team was replaced briefly in 2001 (Mosher, 2003). After the departure of the replacement team, the original group was reinstated and continued to work at the GBRM until 2003. Drilling resumed in 2004 and continued until 2009. MMTS has no evidence to support any “chain-of-custody” protocols being followed after 2003.

Samples were selected by the geologist using uniform (1 m) or semi-uniform (1 m ± 20 cm) sample lengths in mineralized zones and sample tags assigned. Core recovery was calculated for the respective sample runs and recorded in the drill log, and the core was photographed. The core was cut longitudinally in equal portions to obtain a non-biased representative sample, with half of the core placed in a sample bag and the remaining half returned to the core box for reference. In the case of re-sampling, if insufficient material was available, the core was left for reference. MMTS notes that a minimal number of core photographs were found in the database.

Sampling was done selectively on the basis of alteration, lithology, and mineralogy at the discretion of the logging geologist. Sampling appears to have been done in, and proximal to, mineralized structures, so the sample density in the database is quite low. Part of this low density may be due to the assay database being incomplete. Bul River has gone to great effort to retain all drill core in two secure locations.

Sampling was not done for the entire length of the hole but at, or near, mineralized structures potentially excluding any mineralization not proximal to a vein structure. In MMTS's opinion, the sampling methodology is adequate and the data generated are suitable for use in the estimation of Mineral Resources.

11.4 2011 Logging and Sampling conducted by MMTS

Verification sampling has been undertaken by MMTS on behalf of Bul River in 2011 and 2012 under the direct supervision of a QP and a defined set of written protocols (Moose Mountain, 2011). The work was been conducted by MMTS employees with the exception of one Bul River employee who cut the core samples. MMTS 2011 sampling included the following:

- 1,126 sample pulps (including QA/QC samples) located and sent for re-assaying,
- 82 drillholes logged and 1,193 samples (including QA/QC samples) taken,
- 342 samples from 24 drillholes tested for specific gravity.

In 2012 MMTS continued core logging and sampling at the mine, collecting the following:

- 842 core samples (including QA/QC samples),
- 68 coarse reject samples (including QA/QC samples),
- 264 samples from 49 drillholes tested for specific gravity.

Drill core footage blocks were visible and easily read. Drilling was conducted in imperial measure and MMTS did not convert downhole distances to metric before logging (as was previously done by Bul River).

Due to the magnitude of drillholes drilled but not logged or sampled and time constraints, MMTS selectively logged and sampled drillholes with obvious mineralization, veining and structure. The selected holes were photographed and measured against footage markers to establish core recovery. RQD measurements were taken and the core was logged for lithology, alteration and structure (in imperial units), and bedding and vein angles noted with respect to the core axis. Where mineralization was oxidized, the core was cut in half longitudinally to result in a fresh surface being available for inspection.

Samples were selected by the logging geologist with uniquely numbered core tags stapled to the core box, and red flagging placed at the beginning of each sample interval. As the entire hole was not logged, logging was done by sample interval and sample numbers were noted in the drill logs. By MMTS convention, samples were a minimum of 0.3 m and a maximum of 1.5 m in length, but preferably 1 m sample long. Sampling was also continued into at least 0.5 m in to the footwall and hanging walls of the mineralized zones.

Drill core selected for sampling was halved longitudinally, using a core saw, as laid out by the logging geologist. The core was cut, but not sampled, by a Bul River employee. Both halves of the core were returned to the core box and sampling was done by the logging geologist. One half of the core was placed in a plastic sample bag along with a tag that matched the one affixed to the core box. The sample bag was closed using a “zap strap” plastic tie, stored in an MMTS vehicle, and taken off-site every evening. Samples were stored in the local town of Fernie, BC until a sufficient number were accumulated for shipping to the laboratory via commercial carrier. The remaining core was returned to the racks, in an orderly manner, for future reference and sampling.

Existing assay pulps from samples analyzed at CanTech and GBRM were also collated for re-assay by MMTS. The pulps had been stored at the GBRM site and dutifully tracked; MMTS verified their sample numbers against a master list provided by Bul River.

The procedure followed by MMTS has the potential to understate the contained mineral content since only zones of obvious veining mineralization were selected for logging and sampling. Any mineralization within the host rock lithology was less likely to be selected resulting in a potentially more conservative resource estimate.

11.5 Underground Sampling

The database contains assay records from underground sampling and Morton (2001a) provides a description of the procedure. Samples were taken from mineralized material exposed in crosscuts and stopes. Sample intervals were marked, generally in 1 m intervals, on the walls and surveyed from underground survey stations. Sample intervals extended beyond the vein contacts into the host lithologies (Mosher, 2003). Using a saw with a diamond impregnated blade, samples were cut approximately 1.5 m from, and parallel to, the sill. Each channel was cut approximately 2.5 cm wide and 2.5 cm deep, chipped into clean 20L buckets at prescribed sample lengths. The sample was then transferred to an 18 cm by 24 cm plastic sample bag. The sample bags were labelled by location and then taken to the on-site laboratory where they were crushed, pulverized, split, and placed in a sample bag for shipping to the independent laboratory for analysis. The remaining reject was placed in a 20L plastic pail for storage on site. MMTS notes that the database contains 80 back samples, but no written procedure is available to describe how these were taken, and they have not been included in any estimation of Mineral Resources.

Some channel sample locations were examined underground by MMTS during its initial site visit. Where observed, the channel samples were taken across host rock and mineralized vein contacts and should, in MMTS's opinion, reasonably reflect the grades and true widths of the material sampled.

MMTS completed an extensive underground sampling program in 2012, collecting 2,159 samples, including standards, blanks and duplicates (QA/QC samples). The majority of the samples were taken from the back of the sill drifts with less frequent samples from face and rib exposures.

Procedure for sampling on the back:

- For sampling the back when in a sill drift, sample lines are marked every 8 m along the drift. Each line is divided into approximately 1 m samples across the width of the back. The back is typically 4 m to 5 m wide. Sampling is done from South to North (i.e. HW to FW sides of the vein).
- Location of the sample line is measured from the nearest or most appropriate survey station.
- Coordinates of each survey station are known by BRM staff, and are provided to MMTS.
- Using maps of the underground workings, the sample locations are plotted and coordinates for each sample line starting point are determined. The elevation of the nearest survey station is used for the elevation of the sample lines. Where samples are taken on a face, the distance from the back to the sample line is measured, to later determine the sample line elevation. The coordinates are entered into a database. The sample lines are entered into the database as drillholes.
- When sampling along the back, sample stations are marked every 8 m from an appropriate survey station, using a measuring tape.
- Once a few sample stations are marked out, the geologist goes up in the bucket of the scoop, with a helper from BRM. The geologist marks one metre samples across the back. The geologist then goes down, and two BRM staff members go up in the bucket for chipping. The tarp is laid out in the bucket to collect the rock that falls during chipping. Once collecting the sample is complete the tarp is bundled up, and the sample is passed off to MMTS to bag, and tag.

- MMTS geologists supervise the chipping, to ensure it is conducted in an appropriate manner, and the most representative samples possible are obtained.

11.6 Assay Analysis Pre 2009

Samples from drillholes in the early 1980s were analyzed at MU by fire assay (FA) and finished using atomic absorption spectrometry (AAS). Later, analyses were done using Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES) and X-Ray Fluorescence Spectrometry (XRF) for gold (de Souza, 1999). Sample preparation consisted of crushing and pulverizing until 100% passed 100µm and re-homogenizing by mixing. Aliquot size is not known. These results were rejected by MMTS for use in the estimation of Mineral Resources due to the difficulty in reproducing the data.

In 1999, a “chain-of-custody” protocol was established where samples were collected, prepared for analysis, shipped, and interpreted by individuals independent of Bul River. Prior to establishment of this protocol, about 700 samples had been collected by Bul River personnel that had not been submitted for assay. Although these samples did not meet the criteria of the protocols, they were included in the database since they were similar in magnitude and variability to those collected after the procedures were enacted (Mosher, 2003).

Both drill core and underground channel samples were processed in the GBRM laboratory. Samples were picked up daily and placed in chronological order, and sample numbers were cross checked. Each sample was crushed using a jaw crusher and then passed through a 25 cm cone crusher until they were reduced to minus 10 mesh. The sample was then passed through a Johnson or Gilsen splitter two or three times until a subsample of 300 g to 400 g was obtained. The sample was homogenized between each splitting using riffling pans.

Some of these samples were placed in a heat-sealed sample bag packed in a 20L plastic pail for shipping to the independent laboratory (AuRIC) for analysis. The assay samples were kept in secure storage until shipped. The remaining reject was placed in a 20L pail for secure storage on site. No details on sample preparation procedures conducted at AuRIC are available. Assay results, however, are documented and indicate that methods used include chemical assay with solvent extraction (SX) and graphite furnace atomic absorption (GFAA) finish, chemical assay with analytical finish, and hydrometallurgical extraction with analytical finish. The results from these analyses were not used by MMTS in the resource estimate due to the non-industry standard methods employed.

From November 2000 to October 2001, samples were analyzed at CanTech until Bul River hired a Certified BC Assayer (Mosher, 2003). At CanTech, one half tonne assay charges (15 g) were analyzed using near total digestion with a combination of four acids, nitric (HNO_3), perchloric ($HClO_4$), hydrofluoric (HF), and hydrochloric (HCl) and ICP-Optical Emission Spectrometry (OES). Copper results exceeding 5,000 ppm and silver exceeding 50 ppm were re-analyzed using AAS. QA/QC procedures called for every 25th sample to be an assay duplicate of the preceding sample and every 20th sample to be a Certified Reference Material (CRM) standard. In December 2002, all pulps analyzed at CanTech were returned to GBRM and analyzed for gold. These sample pulps, in addition to blanks and CRMs totalling 1,126 samples, were sent to ACME laboratories in Vancouver, BC by MMTS in 2011.

The GBRM laboratory was employed primarily for grade control while underground development was being conducted. It became the primary drill core and underground channel sample assay laboratory after 2001. The samples analyzed at the GBRM laboratory were crushed to approximately 3 mm in size, then riffle split to approximately 500 g, and then pulverized to minus 100 mesh. A 15 g subsample was analyzed for gold by FA with an AAS finish. Copper and silver results were obtained by aqua regia digestion and AAS.

The written procedures state that internal QA/QC checks were to be done routinely and periodically inspected by the designated geologist. Bul River laboratory personnel, however, reported that, in 2010, only CRM provided by the manufacturer of the AAS were read at the beginning and end of each assay run to ensure proper instrument calibration and no other industry-standard internal QA/QC procedures were followed. The written procedures also state that precision, accuracy, and contamination checks should be monitored on a batch to batch basis by the designated geologist by examining results from the insertion of duplicates, blanks, and CRM, but results lacked documentation.

11.7 2011 - 2012 Sampling by MMTS

Recently logged core samples and selected historical assay pulps and rejects have been analyzed by ACME Analytical Laboratories Ltd. (ACME) in Vancouver, BC. ACME is certified ISO 9001:2008 and is pending ISO/IEC 17025 accreditation. All work done by MMTS was designed by, and carried out under the supervision of, Robert Morris, P.Geo., who meets the definition of a Qualified Person (QP) as defined by NI 43-101.

The MMTS sampling program had two components. The first consisted of re-assaying existing pulps, following established quality assurance/quality control (QA/QC) procedures, which had been returned to the GBRM from CanTech and had been stored, under lock and key, at the GBRM assay laboratory. These duplicate assays also provide a check of the original CanTech and GBRM assay laboratory results. The second component of the program was the original assaying of core that had been unlogged and unsampled before MMTS' arrival. These new core samples were subject to the same QA/QC procedures as the CanTech sample pulps.

The sample pulps submitted to ACME did not pass ACME's preparation QA/QC protocols and were subsequently re-pulverized at additional cost. This preparation procedure, namely code P200, consists of drying the sample at 60°C and pulverizing to 85% passing 200 mesh (75 µm). The samples were then subjected to the 7TD1 procedure which consists of a hot four-acid digestion for sulphide and silicate ores followed by copper and silver analysis using Induced Couple Plasma – Optical Emission Spectroscopy (ICP-OES) on a minimum 1 g pulp. For gold, the ACME procedure used was 3B01 which consists of a 30 g fire assay fusion (FA) with final analysis by ICP-OES. For samples that were above the tolerances of this method, procedures G601 (FA on a 30 g sample) and G612 (final gravimetric analysis of gold and silver) were used.

11.8 Security

GBRM employs 24 hour security staff and has a fenced perimeter. Mine access is controlled through a secure manned gatehouse and scheduled patrols are conducted. The mine buildings, including the assay laboratory, and core logging areas are routinely locked and patrolled. Sample pulps are stored within a locked sea container. The core logging facility, which MMTS used for its field program, is adequately configured for its intended purpose. MMTS feels that the core/sample storage facilities, and environmental and assay laboratories, are secure.

11.9 Author's opinion on the adequacy of sample preparation, security, and analytical procedures

11.9.1 Snowden's Opinion

In the opinion of Snowden, the sample preparation procedures used for assays at the GBRM are appropriate for the mineralization. Security and chain-of-custody procedures appear adequate. Sample preparations and assaying were conducted under the supervision of a British Columbia Certified Assayer and supported by written protocols. These samples were subsequently re-analysed as part of the MMTS sampling program and the results compared favourably. In Snowden's opinion, the results from the GBRM laboratory are appropriate for supporting an estimation of Mineral Resources.

The work by MMTS in 2011 and 2012 was, in Snowden's opinion, done to industry standard, with the exception of drill core logging by sample interval. Logging of lithology, alteration, and mineralization by sample interval is unconventional but appropriate for this program given the amount of unexamined drill core and time constraints. Snowden notes that drill logs will, by design, contain gaps and data density will be biased toward mineralized areas.

The 2011 and 2012 MMTS logging and sampling programs were designed and supervised by a QP, as defined by NI 43-101, and followed exploration best practices as defined by CIM. In Snowden's opinion, the MMTS data is verifiable and can be used in the estimation of Mineral Resource

12 Data verification

The database utilized for the Resource Estimate update was based on the results of the work conducted by MMTS in 2011 and 2012. As stated in the March 2012 RPA technical report the previous database suffered from inconsistencies and other issue which rendered it unusable for resource estimation. The current database is the result of the sampling of un-sampled drillcore, re-assaying of pulps, and channel samples taken in 2011 and 2012. All the samples were submitted with blanks and standards.

12.1 Database

During the Snowden site visit in August of 2012 MMTS was in the process of sampling historic drillcore and obtaining the channel samples from the underground workings as recommended in the March 30, 2011 RPA Technical Report. The samples obtained by MMTS in this program were submitted with blanks and standards at a nominal rate of 2 standards and one blank inserted into the sample stream for every 25 samples submitted to lab. The work conducted by MMTS has resulted in the compilation of a verified database consisting of 409 underground channel samples and 269 drillholes for a total of 678 drillholes and channel samples. In addition 590 bulk density determinations from 59 drillholes were obtained. The original data was in excel format. The steps taken by Snowden to verify the data are discussed in the following sections.

12.1.1 Data Validation Survey and Collars

Due to the stated lack of confidence in collar surveys and assays outlined in the RPA report dated March 30, 2012 none of the surface diamond drillholes were used in either geologic interpretation nor Resource Estimation of the GBRM. Upon receiving the initial database Snowden performed a detailed validation by importing the data into PosgreSQL and reviewed through SQL queries. From this analysis the following issues were discovered.

- 76 collars without corresponding assays
- 107 sample intervals found with no Cu or Ag determinations
- 6 drillholes with no survey at the collar
- 27 overlaps in the FROM TO intervals.

The 76 collars with no corresponding assays, 107 sample intervals with no Cu or Ag determination, and the 6 drillholes with no survey at the collar were all eliminated from the database. The 27 overlap errors were examined and found to be only several centimetres. These were corrected and the drillholes remained in the database. The database was imported into Datamine software and de-surveyed for visual validation. During the visual data verification no significant errors were discovered.

12.1.2 Analysis of Blanks, Standards, and Duplicates for 2011/2012

During the channel sampling and drill core re-sampling program MMTS routinely inserted blanks and standards into the sample stream at a nominal rate of 1 blank and two standards for every 25 samples submitted to the assay lab. In addition to the blanks and standards submitted to the assay lab MMTS also submitted approximately 300 pulps from the GBRM mine laboratory for assay checks of Cu, Ag, and Au determinations. Snowden examined the results of the QA/QC procedures and notes the following:

Certified standard samples

Certified standard samples (standards) or CRM (certified reference materials) are used to measure the accuracy of analytical processes and are composed of material that has been thoroughly analysed to accurately determine its grade within known error limits. Standards or CRM's are submitted by the geologists into the sample stream, and the expected value is concealed from the laboratory, even though the laboratory will inevitably know that the sample is a standard of some sort. By comparing the results of a laboratory's analysis of a standard to its certified value, the accuracy of the assay results of the laboratory is measured.

MMTS used four different CRM's or standards when submitting samples for analysis. The CRM was prepared by WCM Minerals of Burnaby, BC. The true reference values for the four CRM's are shown in Table 12.1.

Table 12.1 Certified Reference Material – Expected Values

CRM Name	Certified Value			Standard Deviation		
	Cu%	Ag g/t	Au ppb	Cu	Ag	Au ppm
Xx 121	0.97	33	-	0.02	1.13	-
Xx 145	3.10	93	-	0.90	3.36	-
Xx 163	1.06	99	4350	0.02	2.37	0.13
Xx 184	0.192	13	190	0.04	0.77	0.02

Analysis of the standards or CRM inserted into the sample stream for the samples submitted by MMTS are shown in Figure 12.1 to Figure 12.10.

Standards

Snowden analysed the results of Au, Cu and Ag of 13 assays of CRM 121 and 12 assays of CRM 145, CRM 163 and CRM 184.

A standard assay is considered to have failed if it registers more than +/- 3 standard deviations from the certified value of the standard.

Standard Xx 163 was used 12 times and had one failure of Au, two failures of Cu, and three failures of Ag. The copper results in general plot within the expected variances with the exception of one high and one low value with the remainder of the values plotting around the reference mean. The gold results for standard 163 indicate one failure and the remainder of the values plotting slightly lower than expected but still within the accepted tolerance. While the silver results show two high and one low failure there is a tendency for the silver values to be slightly higher than expected. Snowden recommends this anomaly be investigated further.

Standard Xx 184 was used 12 times and exhibited no failures.

Standard Xx 145 was used 12 times and no Cu failures were noted but two failures of Ag were seen. Overall the copper and silver results are acceptable. There is no Au recommended value for this standard.

Standard Xx 121 was used 13 times. Five failures are noted for Cu and the mean grade is close to the lower limit. This standard results require further investigation. One failure is noted for Ag. The Cu and Ag determinations are acceptable.

Snowden recommends GBRM investigate low assay values for standard Xx145 and Xx 121 to monitor standard sample submission rigorously to achieve the best accuracy possible.

Figure 12.1 Standard 163 Au results

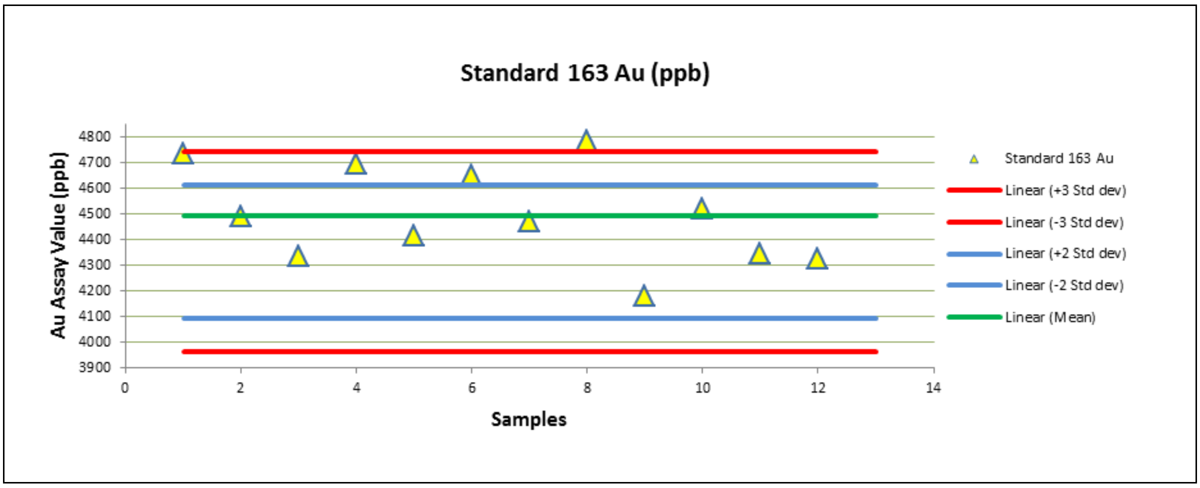


Figure 12.2 Standard 184 Au results

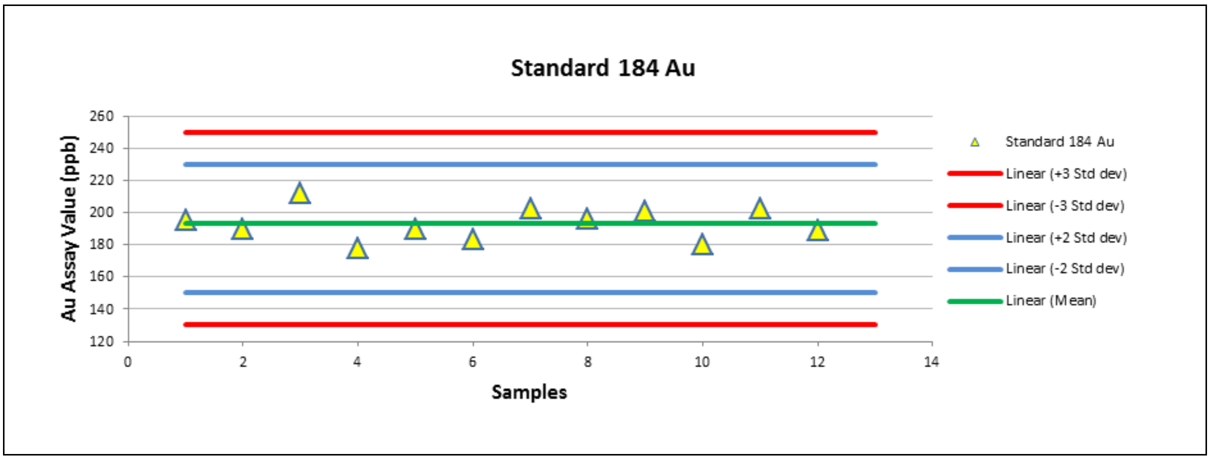


Figure 12.3 Standard 121 Cu results

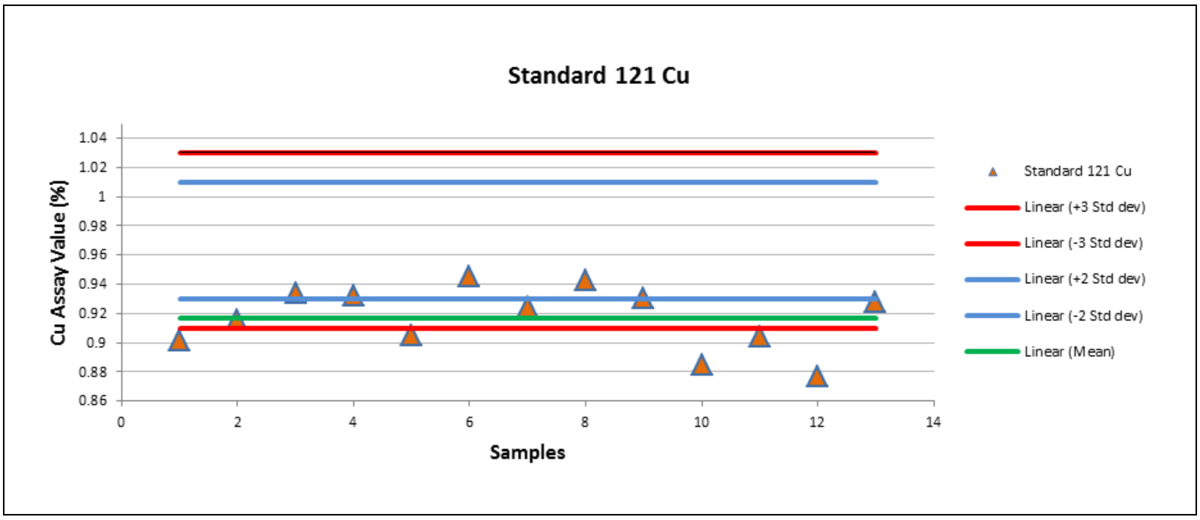


Figure 12.4 Standard 145 Cu results

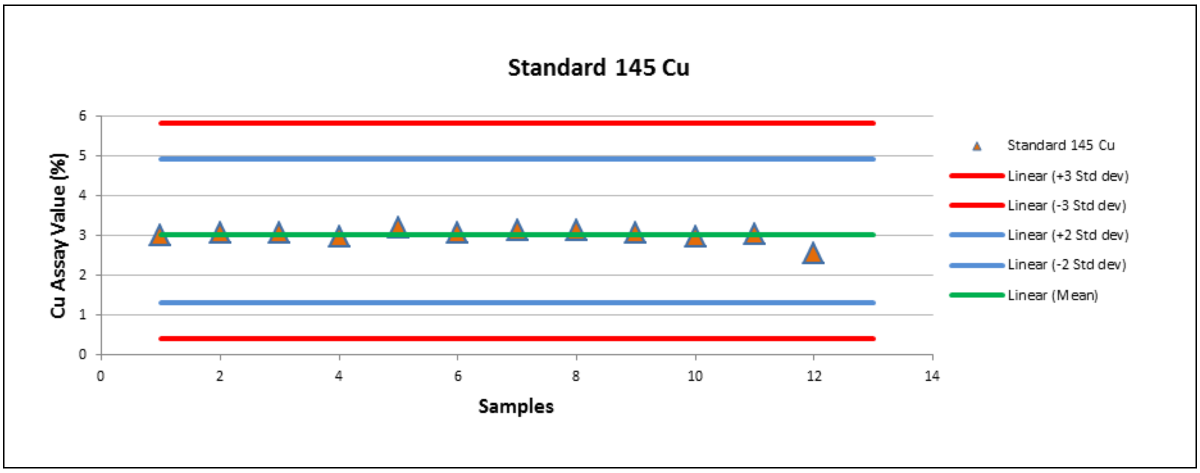


Figure 12.5 Standard 163 Cu results

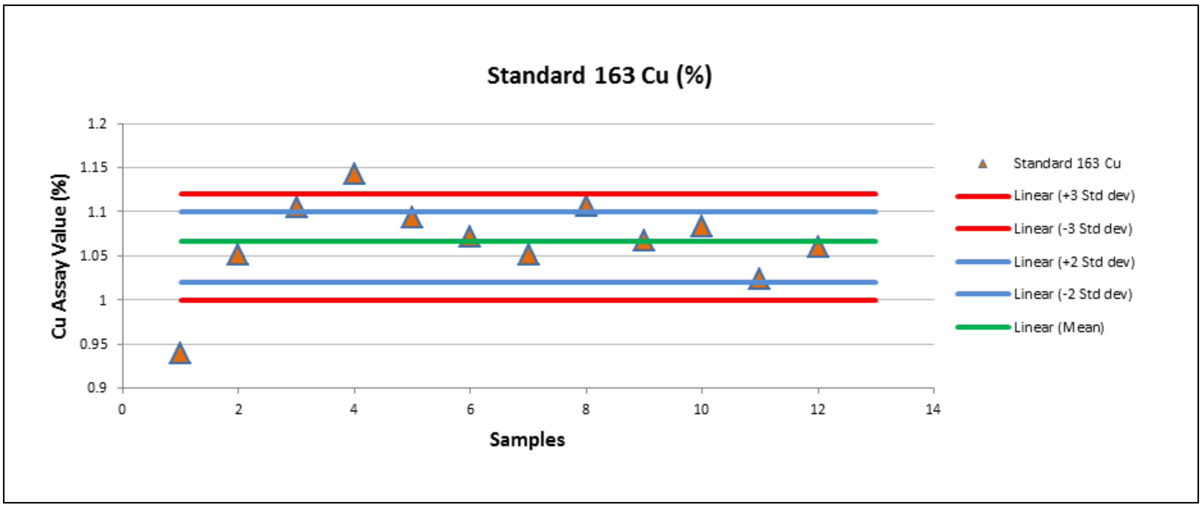


Figure 12.6 Standard 184 Cu results

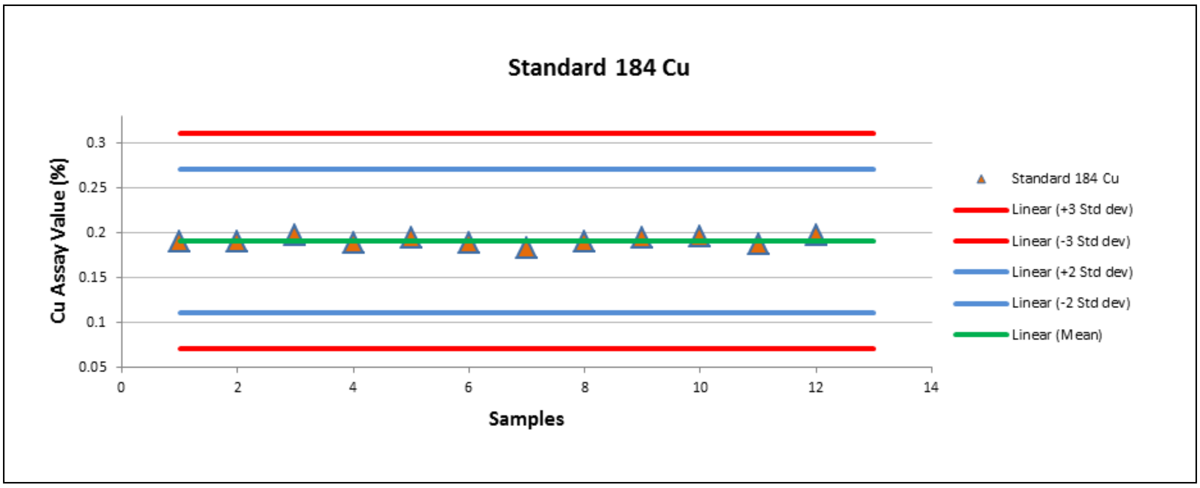


Figure 12.7 Standard 121 Ag results

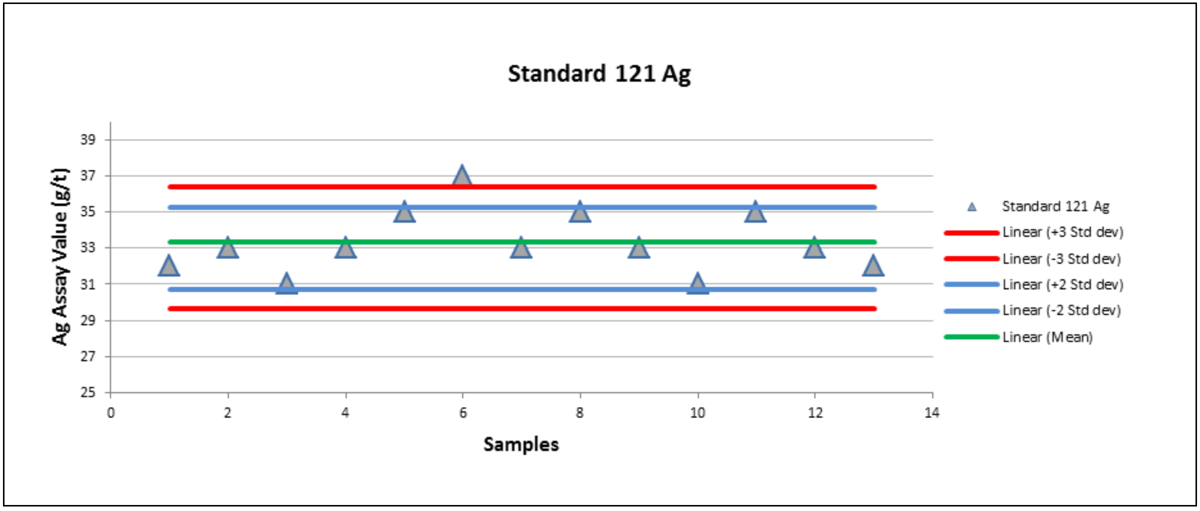


Figure 12.8 Standard 145 Ag results

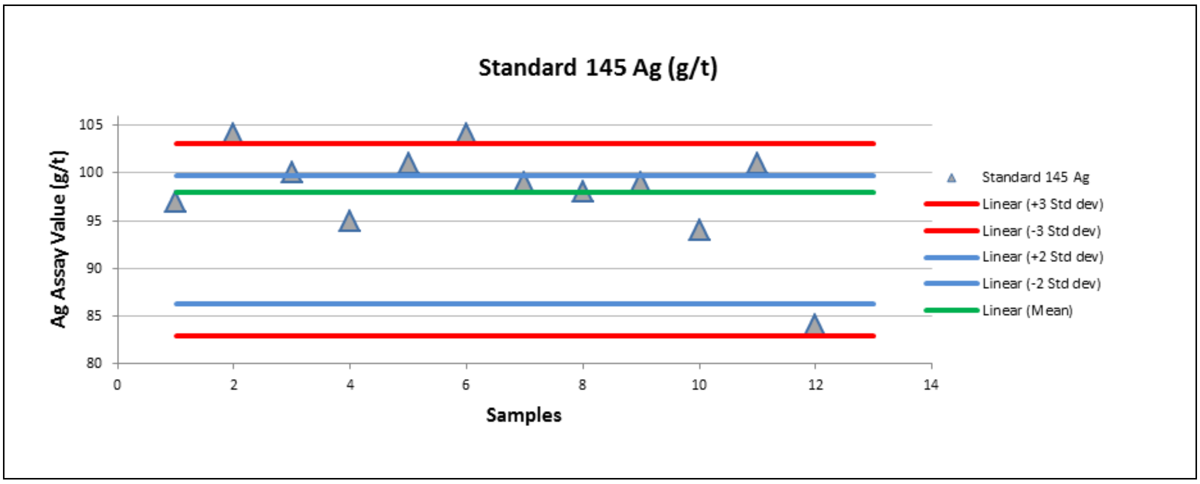


Figure 12.9 Standard 163 Ag results

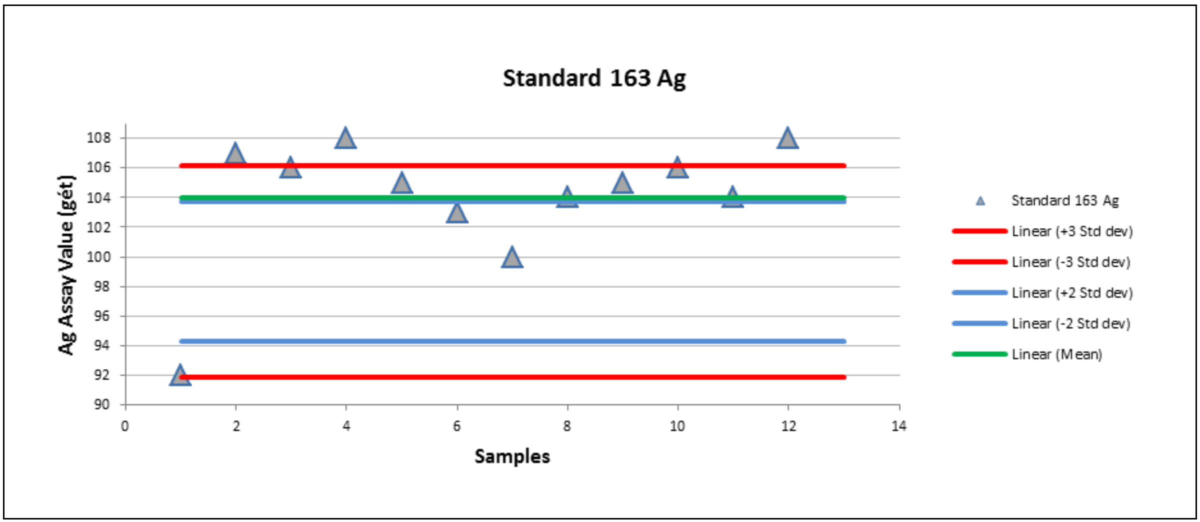
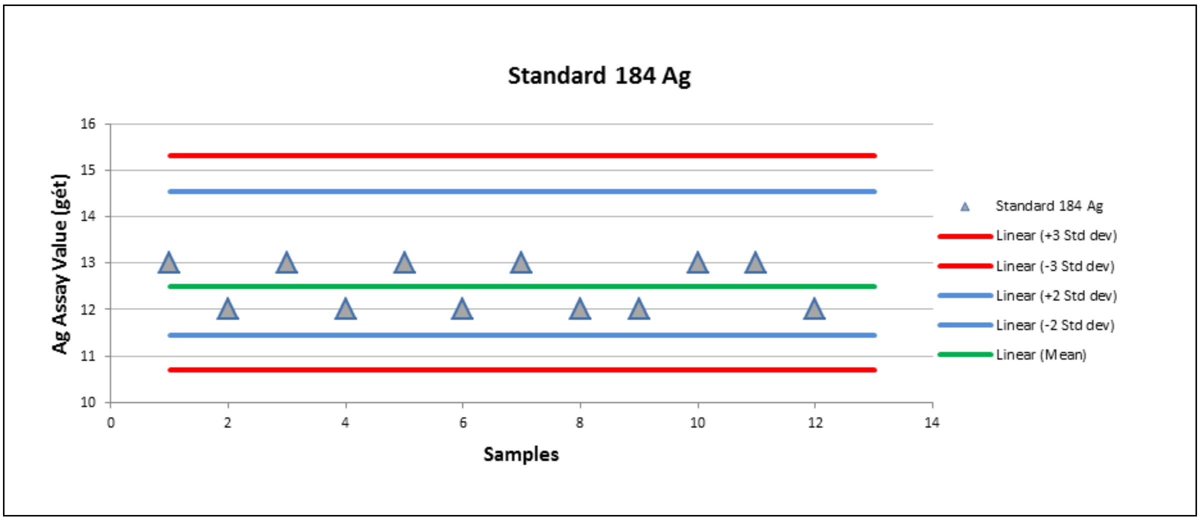


Figure 12.10 Standard 184 Ag results



Blanks

Field blank samples are composed of material that is known to contain Au, Cu and Ag grades that are less than the detection limit of the analytical method in use, and are inserted by the geologists into the sample stream. Blank sample analysis is a method of determining sample switching and cross-contamination of samples during the sample preparation or analysis processes.

Snowden analysed the results of the 49 blank insertions in to the Au, Cu and Ag sample assay streams. Snowden found no evidence of systematic contamination during the sample preparation phase as all the samples of all three elements (Cu, Ag, and Au) fall close to detection limits. The results of the analysis are shown in the graphs below.

Figure 12.11 Au Blank Chart

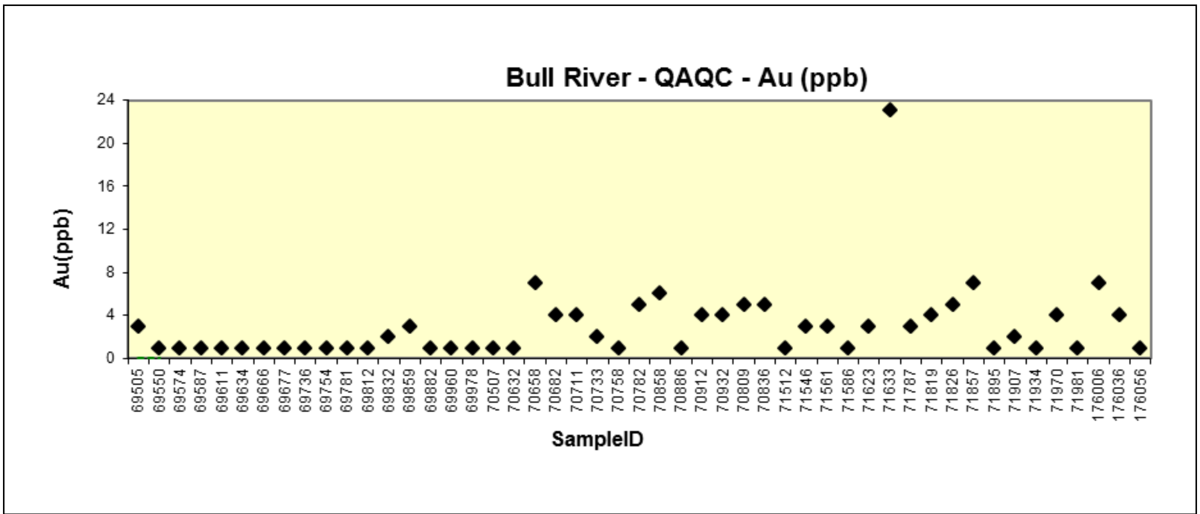


Figure 12.12 Cu Blank Chart

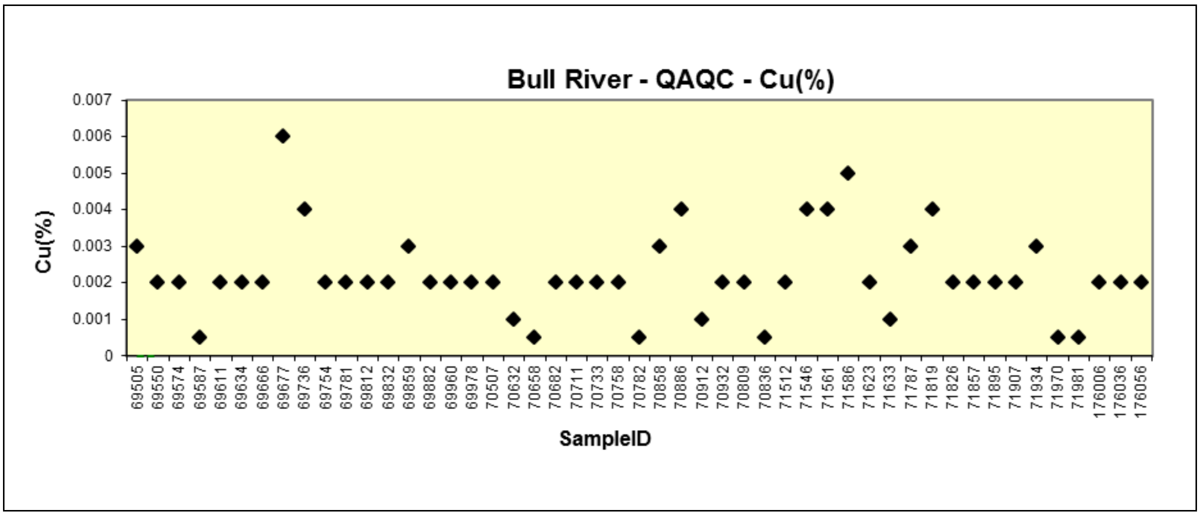
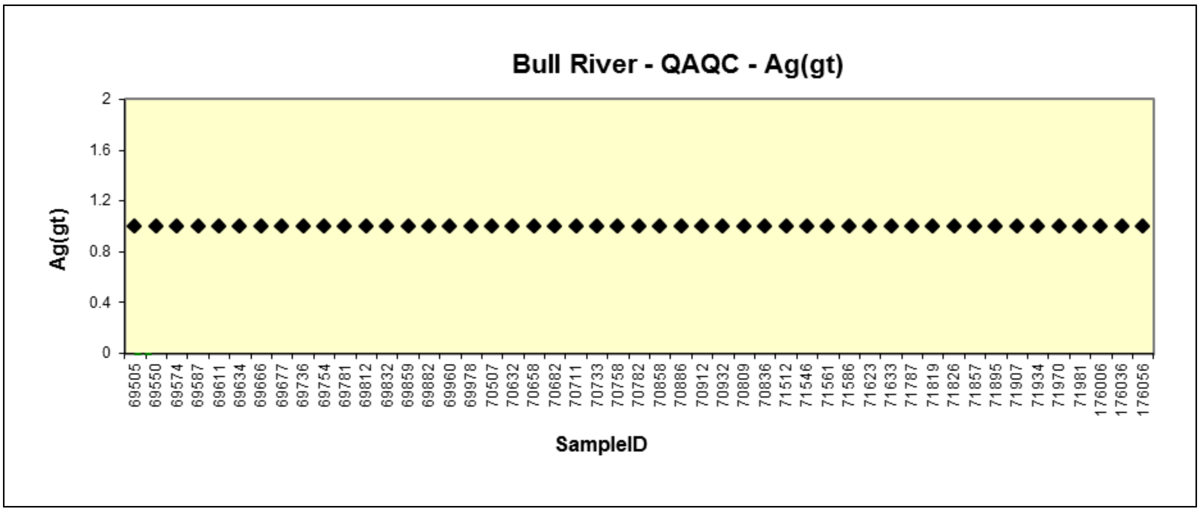


Figure 12.13 Ag Blank Chart



12.1.3 Duplicate Analysis

The precision of sampling and analytical results can be measured by analysing the same sample using the same methodology. The variance between the measured results is a measure of their precision. Precision is affected by mineralogical factors such as grain size and distribution and inconsistencies in the sample preparation and analysis processes.

A brief description of the plots employed in the analysis of MMTS duplicate data, as presented in this report, are briefly described below:

- **Scatter plot**: assesses the degree of scatter of the duplicate result plotted against the original value, which allows for bias characterisation and regression calculations.
- **Precision plot**: half absolute difference (HAD) of the sample pairs against their mean. The reference lines indicate different levels of precision.
- **Relative difference plot**: relative difference of the paired values divided by their average.
- **Ranked half absolute relative difference (HARD) plot**: half absolute relative difference of samples plotted against their rank % value. For field duplicate samples, the sample threshold is accepted to be approximately 30% or below at the 90th percentile, depending on the nature of mineralisation.

As part of the work program outlined in the RPA report MMTS submitted approximately 300 pulp duplicates. Analysis of the results are shown in the graphs below. The analysis indicate a reasonably good correlation between the assays values for Copper determinations with the correlation coefficient at 0.989 (see Figure 12.14 to Figure 12.17). For the Silver determinations the correlation coefficient is 0.956 and the graphs indicate a fairly good correlation between the lab determinations (see Figure 12.18 to Figure 12.21). Some anomalies are seen in the very low ranges of the charts for Au due to two different detection limits used between the two lab Acme and CanTech GM. Snowden concludes these anomalies are not significant to the resource estimation. On the Au plots a line of significance is seen on the charts to illustrate those assay values. For the Gold determinations the correlation of coefficient is 0.807. Snowden believes the lower correlation for the Gold assay determinations is caused by the large number of determinations in the data set which are at or near the detection limit for the analysis (see Figure 12.22 to Figure 12.25).

Figure 12.14 Logscale Scatterplot - Copper

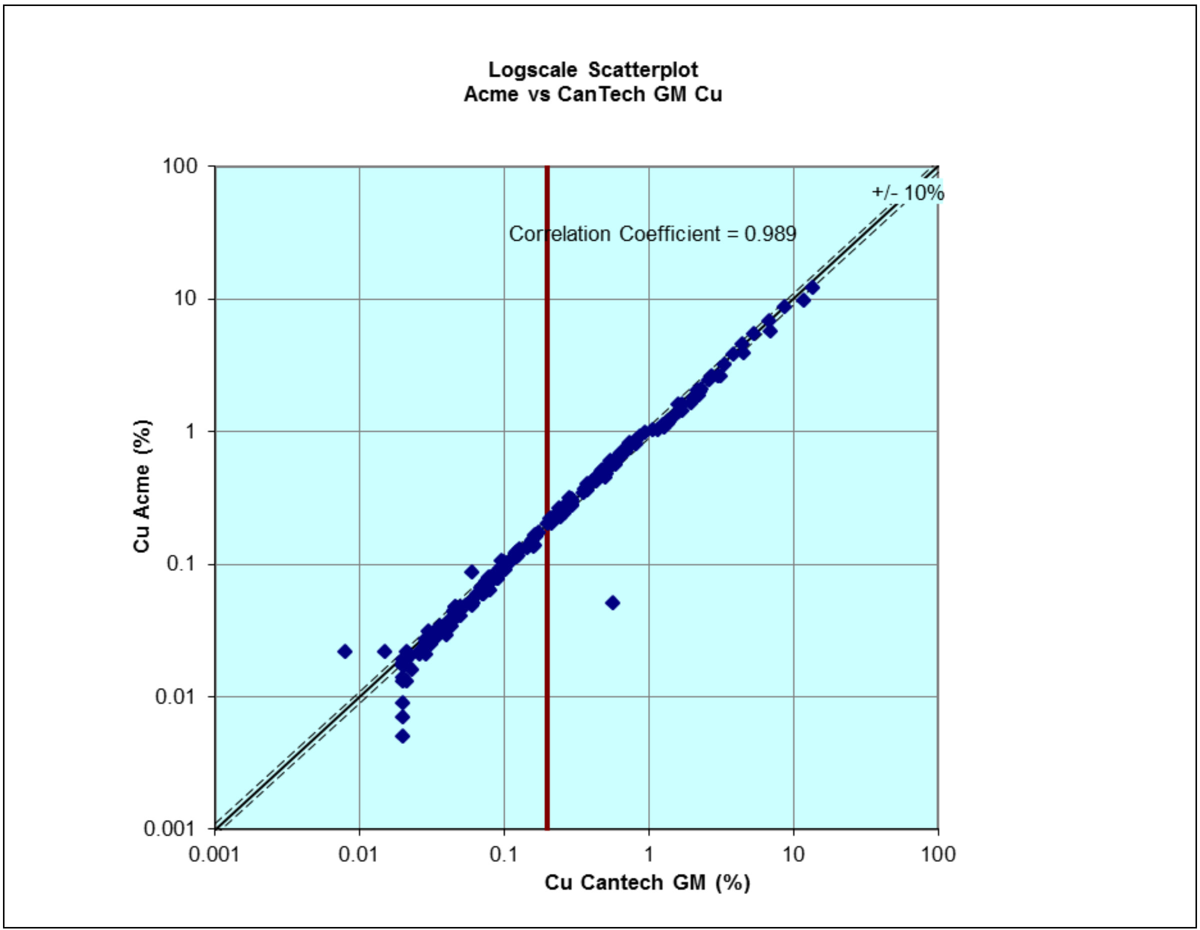


Figure 12.15 Precision Plot % Cu

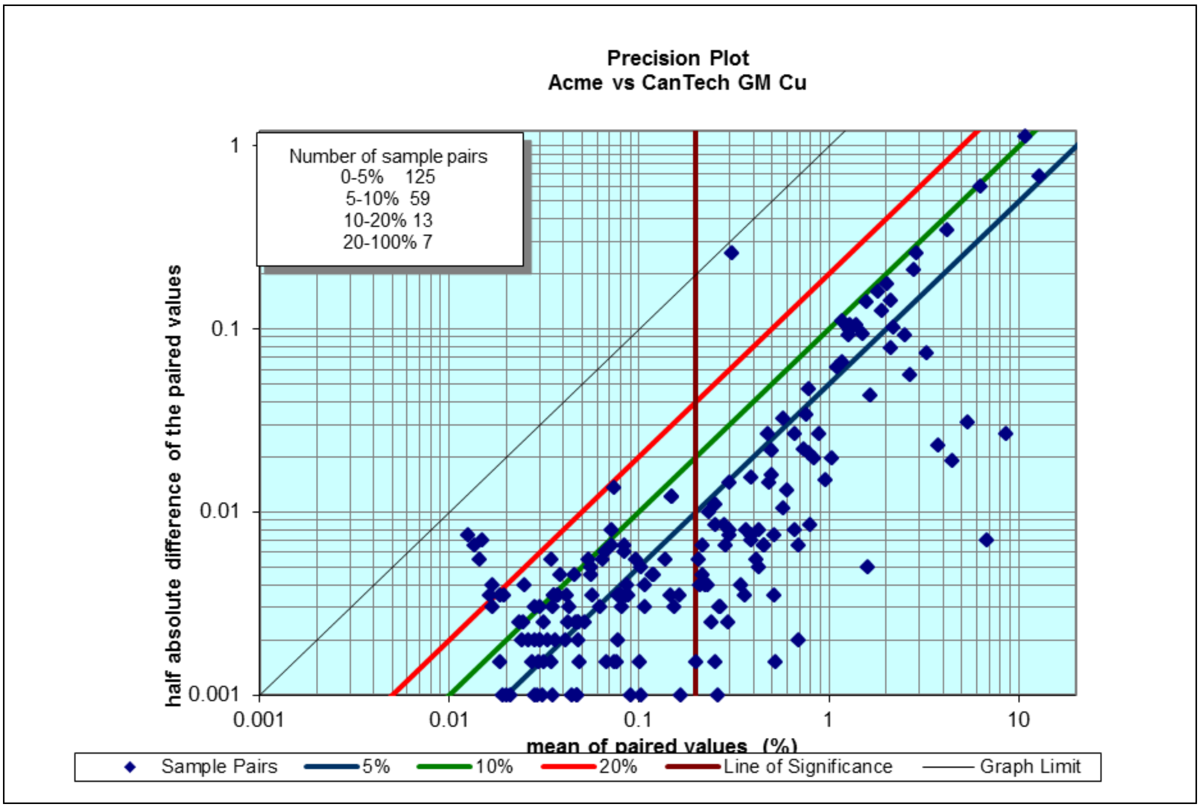


Figure 12.16 Relative Difference Plot - Cu

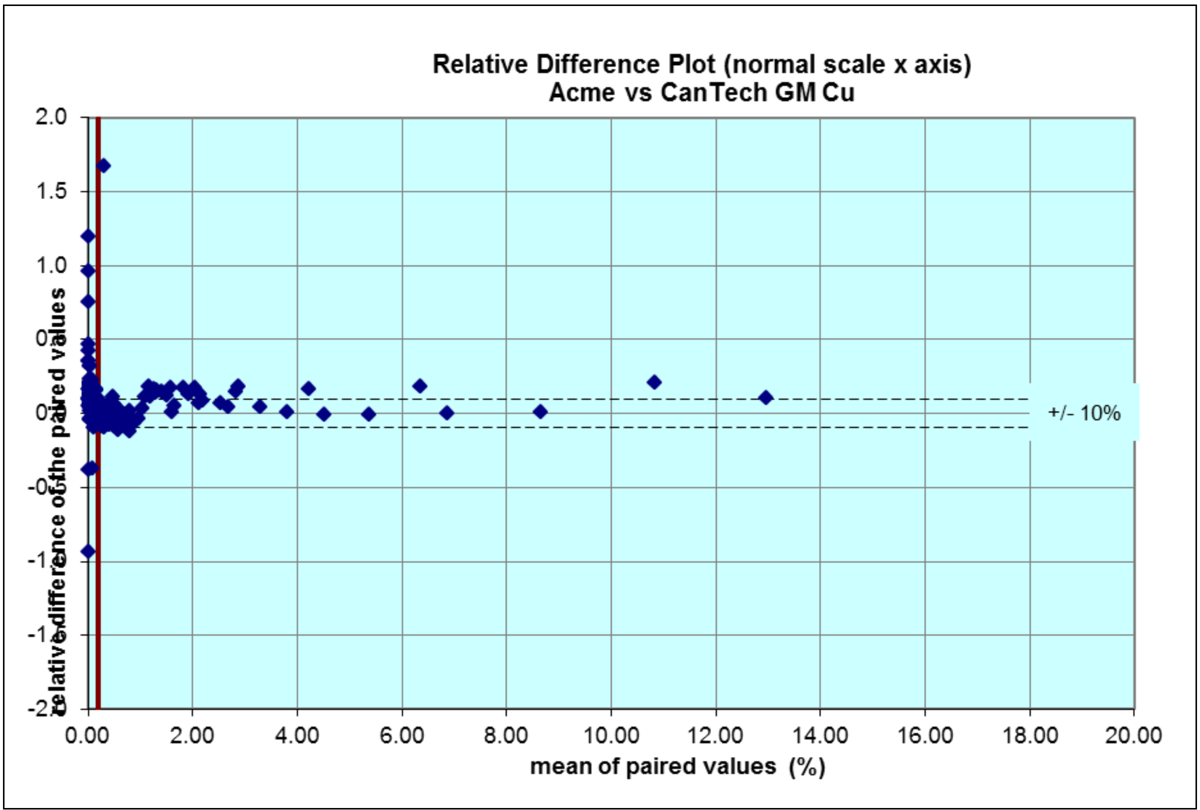


Figure 12.17 Ranked HARD Plot Cu

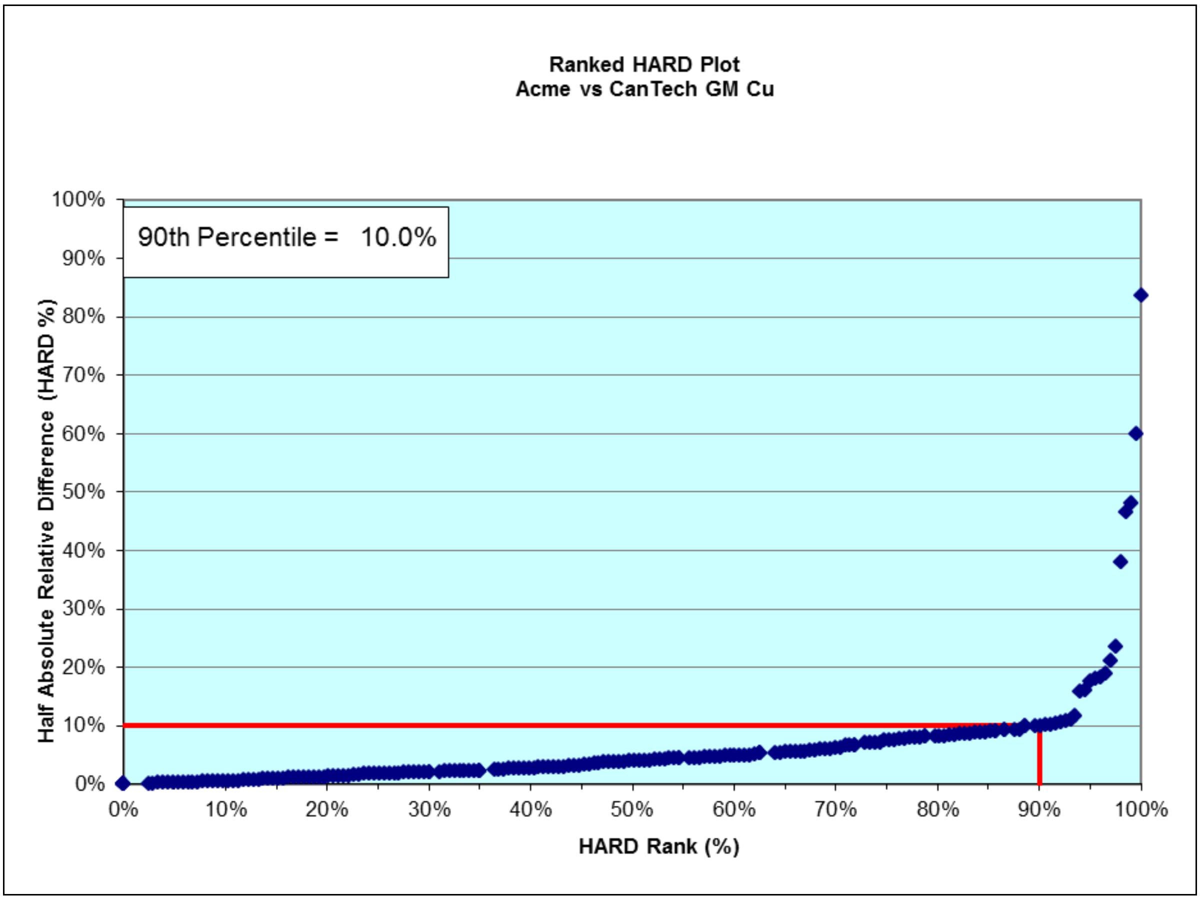


Figure 12.18 Logscale Scatterplot - Ag

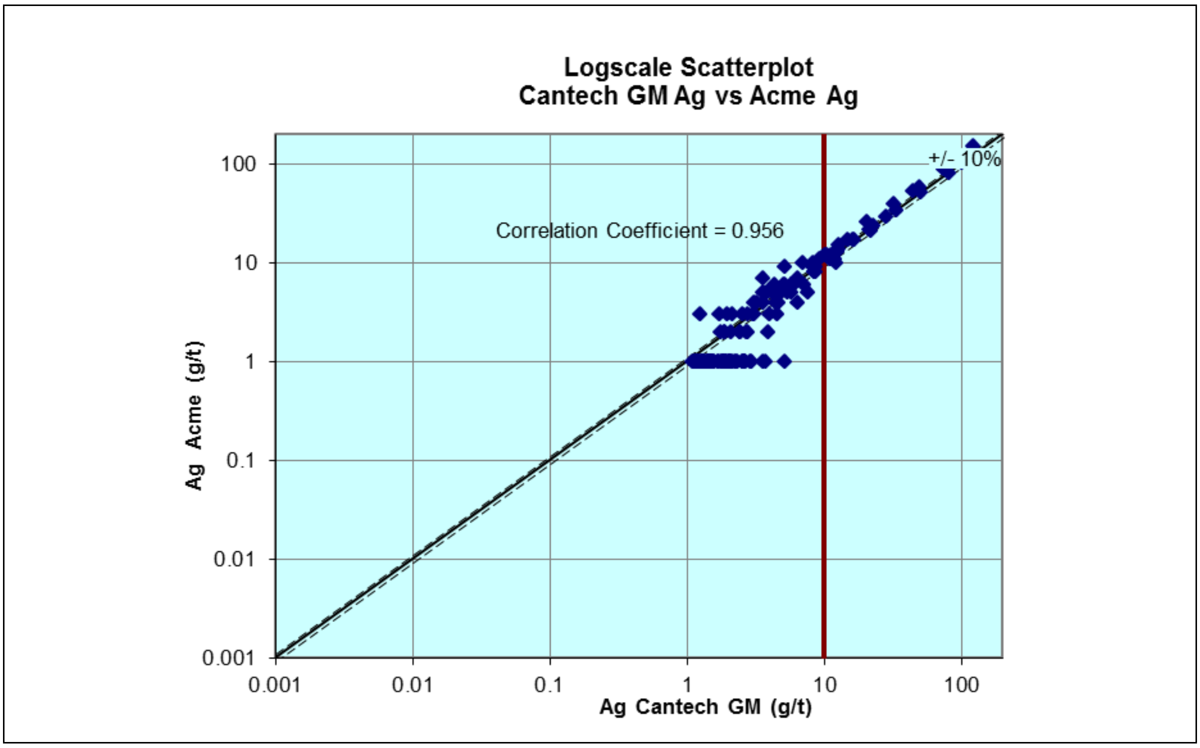


Figure 12.19 Precision Plot - Ag

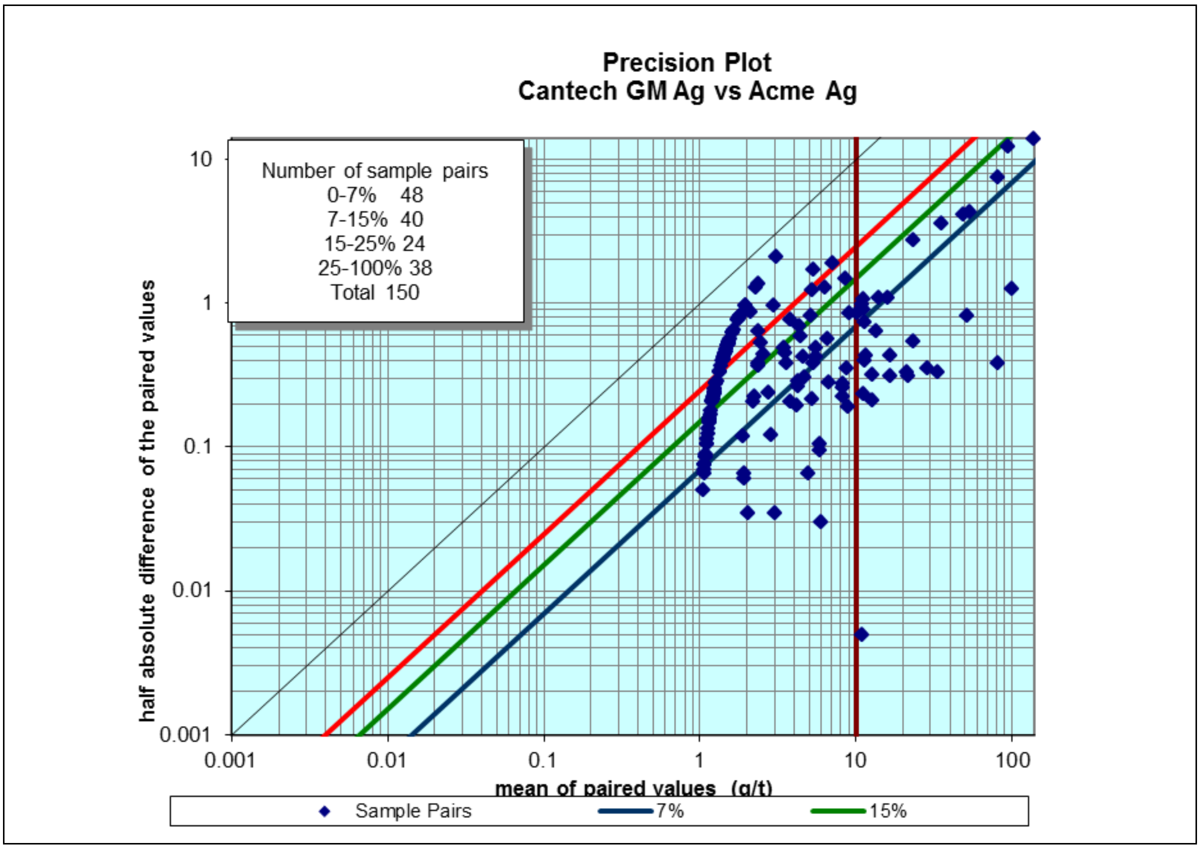


Figure 12.20 Relative Difference Plot - Ag

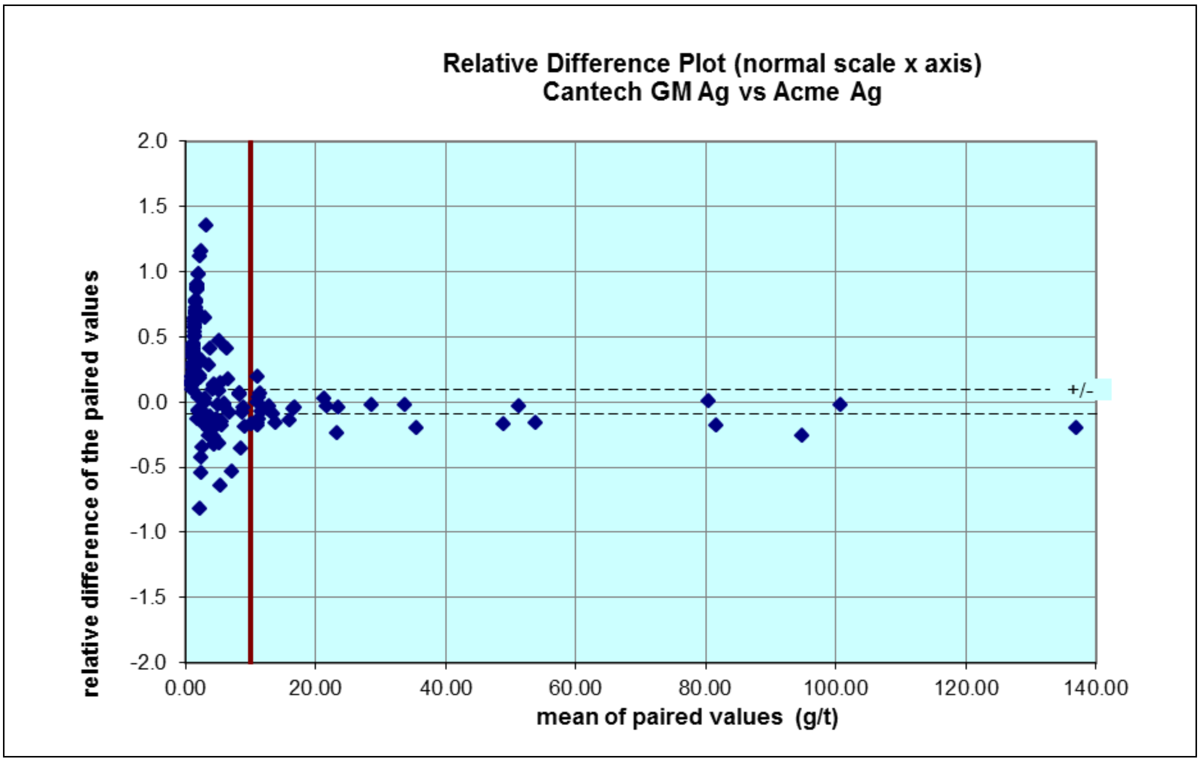


Figure 12.21 Ranked HARD Plot - Ag

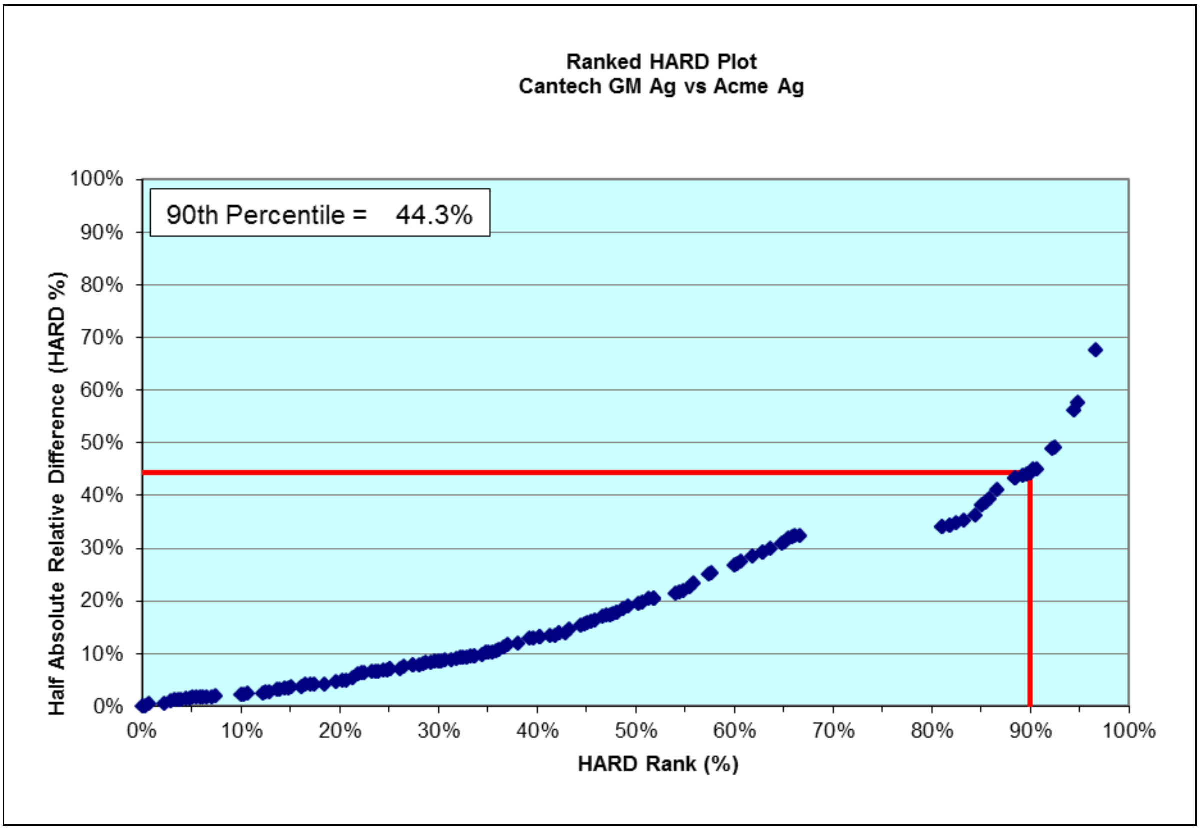


Figure 12.22 Logscale scatterplot - Au

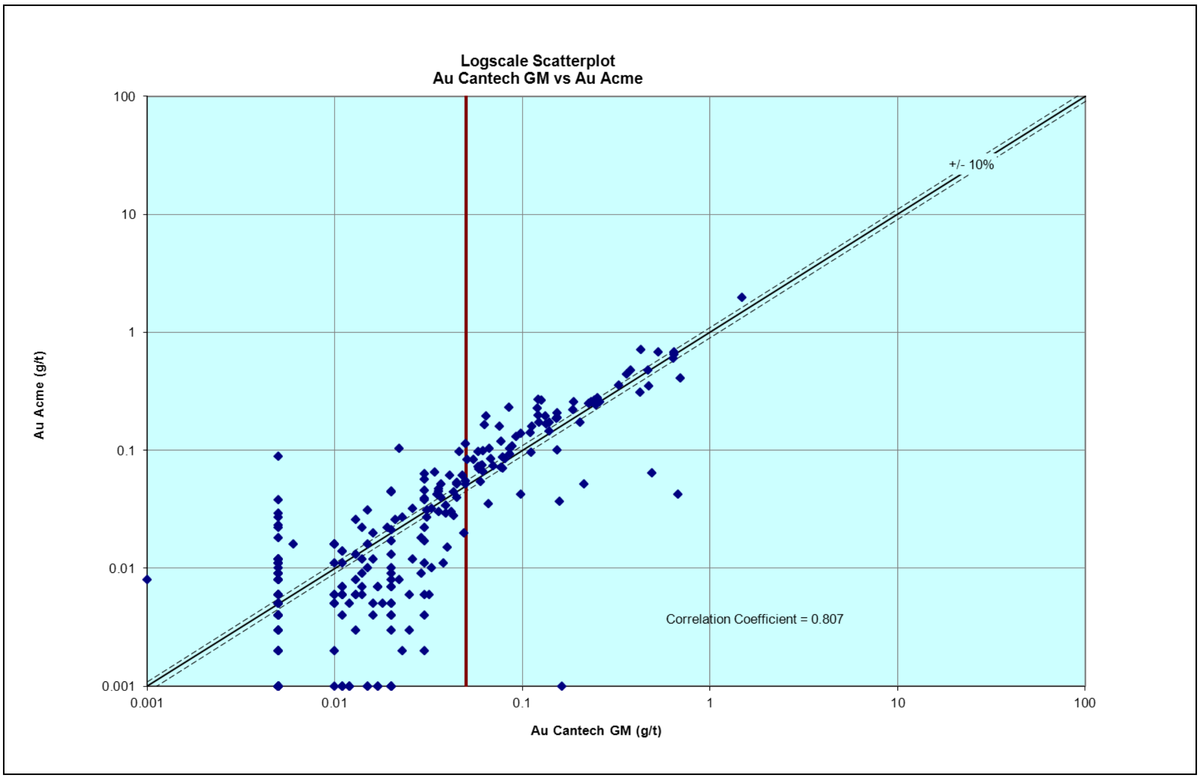


Figure 12.23 Precision Plot - Au

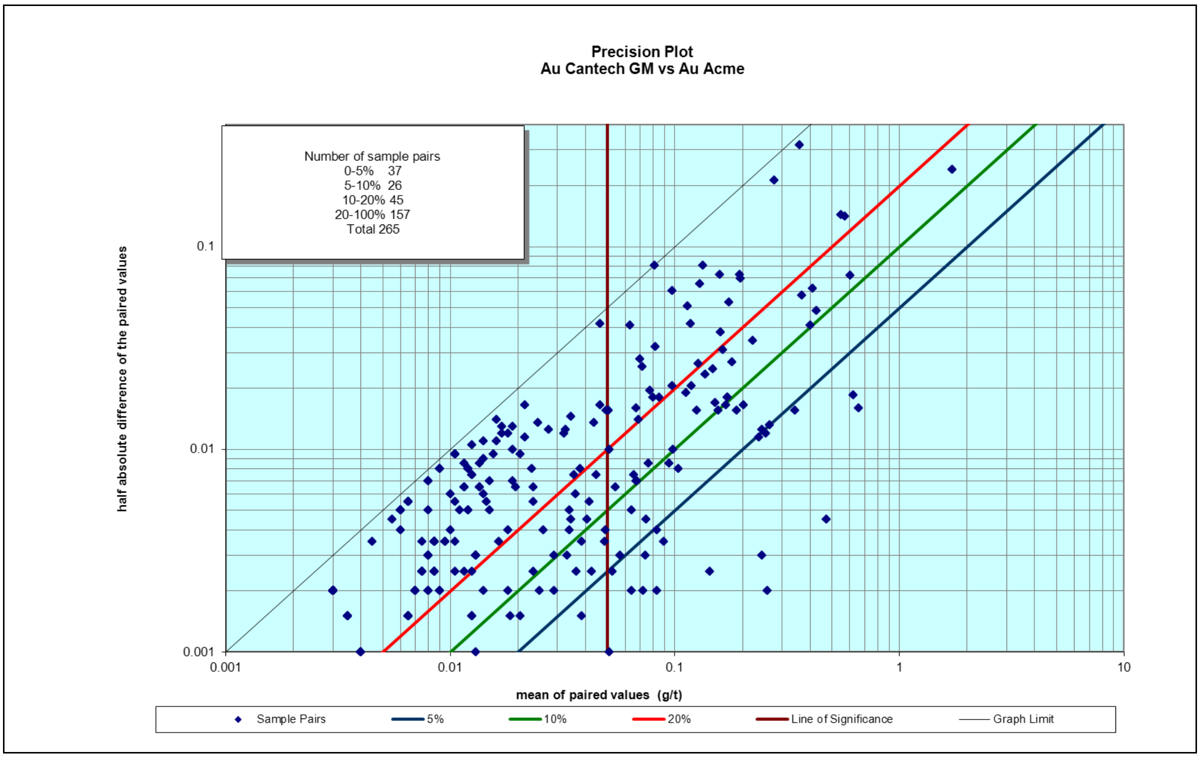


Figure 12.24 Relative Difference Plot - Au

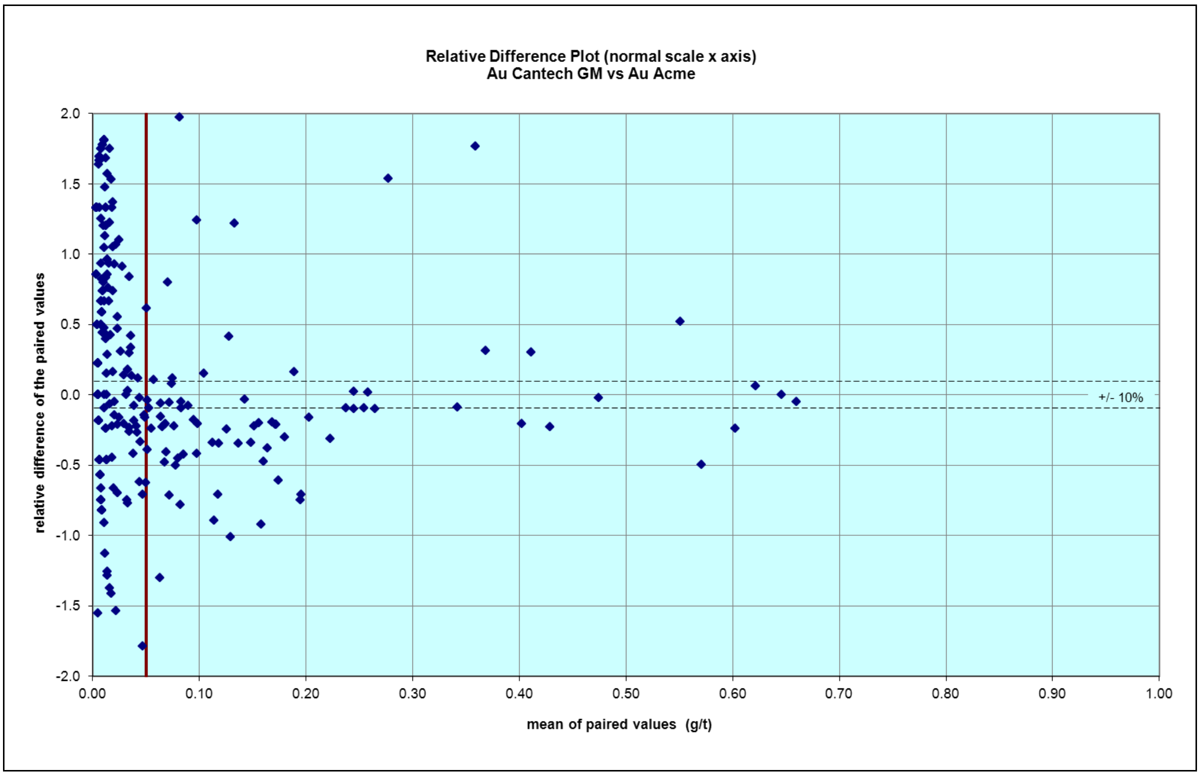
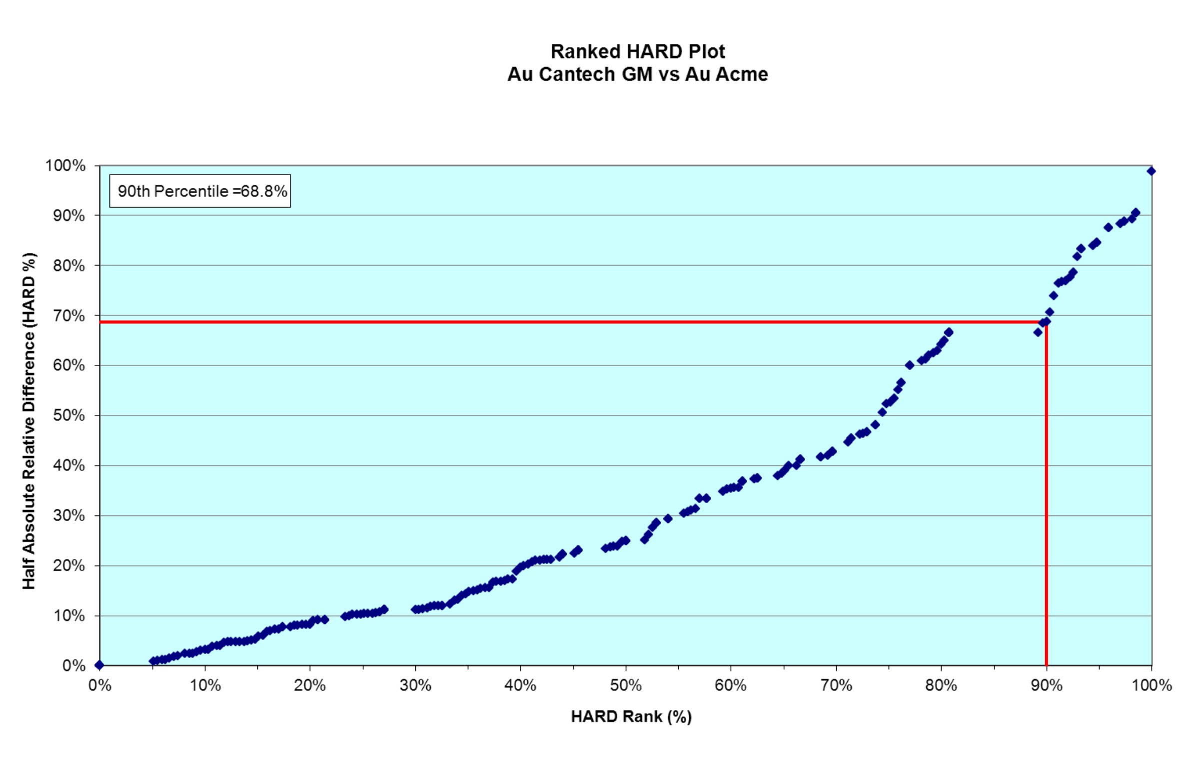


Figure 12.25 Ranked HARD Plot - Au



12.2 Qualified person's opinion on the adequacy of the data for the purpose of Resource Estimation

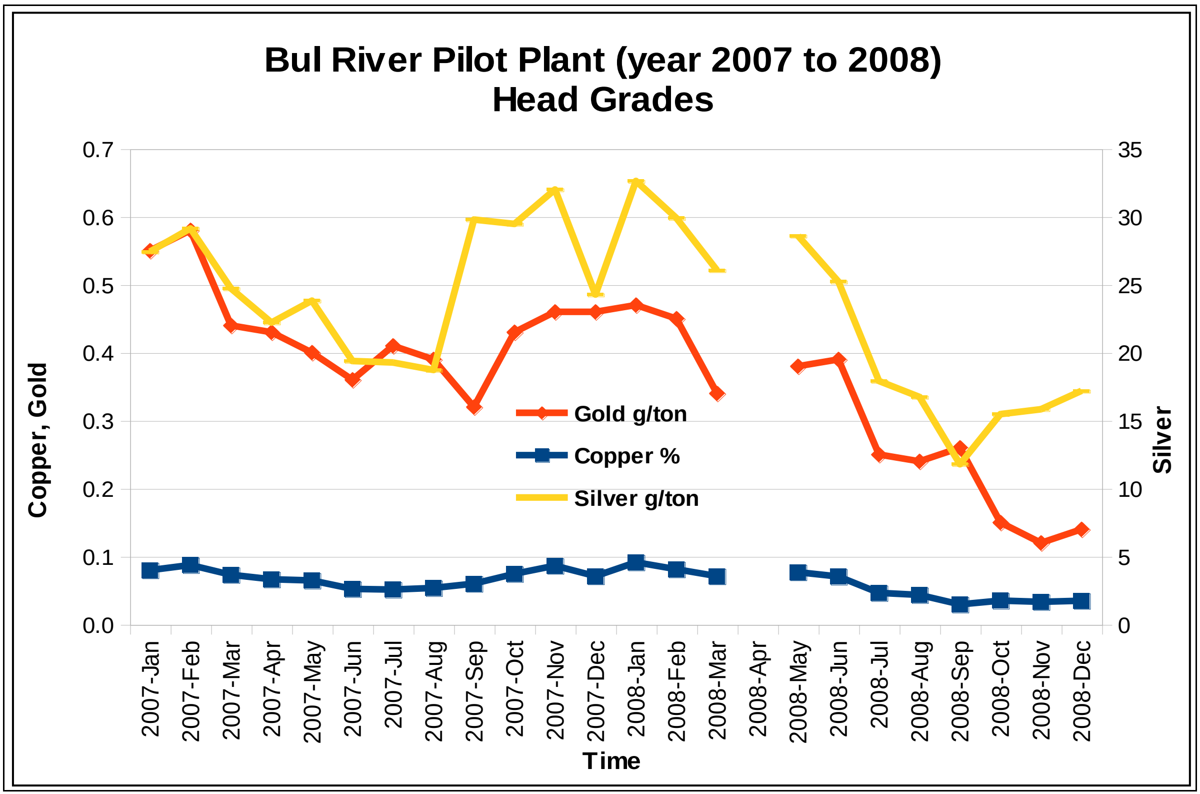
Snowden is of the opinion that sample preparation, analyses, and security of diamond drill core samples and underground channel samples for the Bul River Mine is of industry standard and that the assay data are suitable for use in resource estimation. Drillhole collars, channel samples, and surveys within the database have been verified. Assay verification through assay certificate checking was performed by MMTS and independently verified by Snowden.

13 Mineral processing and metallurgical testing

Bul River conducted and extended on site pilot plant testing between January 2007 and December 2008. The limited historical records show that during a period of 24 months of metallurgical testing, the pilot plant operated for 596 days, processed a total of 2.65 million pounds of material containing an average grade of 3.04% Cu, 0.35 g/ton Gold, and 23 g/ton Silver. The concentrate produced was of industry standard commercial quality, it totalled approximately 262,000 lb, with an average metal content of 27.36% Copper, 2.58 g/ton Gold, and 206 g/ton Silver. The pilot plant achieve average metal recovery of 89% Cu, 73% Au, and 88% Ag.

The source of the material tested is shown in the records as obtained from the underground mine levels 4, 5, 6, 7, and 8, and from a stockpile. The pilot plant grade variation on a monthly basis is shown in Figure 13.1. The copper head grades ranged from 1.5% to 4.5%, gold head grade ranged from 0.12 g/ton to 0.58 g/ton, and silver head grades ranged from 11.8 g/ton to 32.6 g/ton. Figure 13.1 also suggests that the mineralization of copper, gold and silver occurs concurrently, i.e., higher grades in one metal is accompanied with higher grades in the others, the opposite trend is also valid.

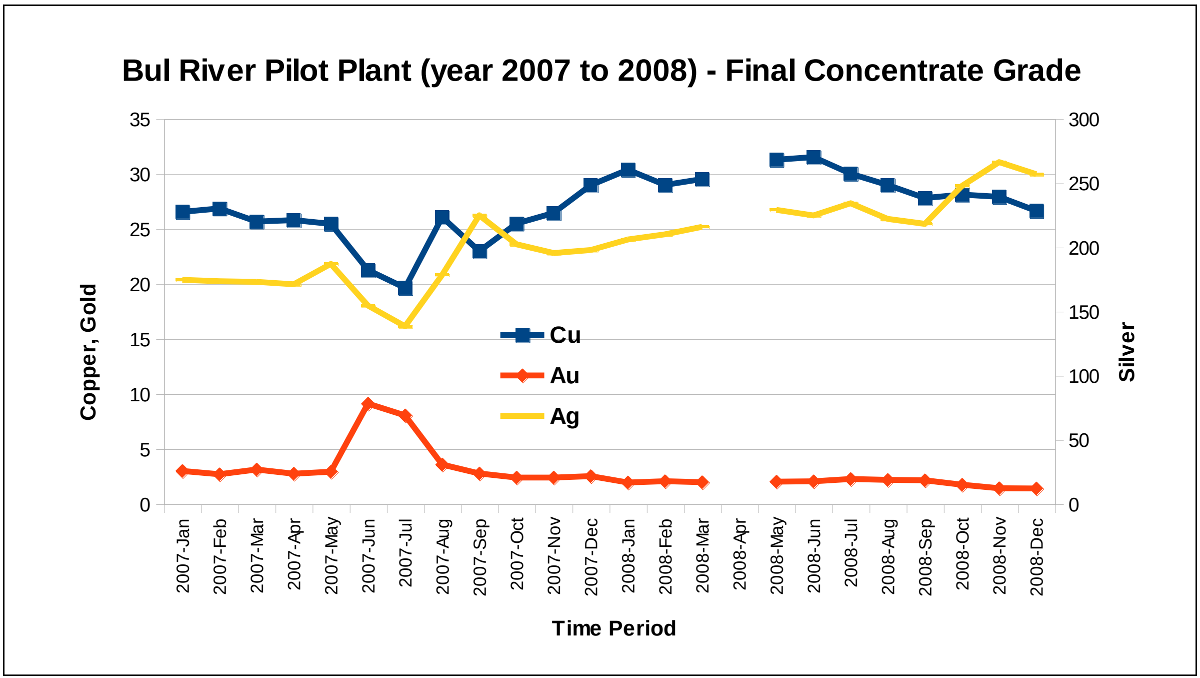
Figure 13.1 Pilot plant average monthly head grades (Au, Ag, Cu)



The overall copper recovery averaged 89%, but when viewed on a monthly basis, it consistently shows values above 90% during the last 16 months of testing (Figure 13.2Figure 13.1). Silver showed a similar metallurgical performance to that observed for copper. Gold recovery deteriorated during the same period.

The pilot plant test results suggest a good response from Bul River mineralization to conventional flotation processing. The results to date suggest room for further optimizing the gold recovery within the overall economic of the project.

Figure 13.2 Pilot plant monthly metal recovery



14 Mineral Resource estimates

Snowden was retained to update the estimate for the Mineral Resources at GBRM. The Mineral Resource estimates are currently reported for the mining operations at GBRM. As part of the recommendations made in the RPA Technical Report dated March 30, 2012, MMTS was engaged to bring the GBRM database up to a standard that would support a Mineral Resource estimate. Snowden has concluded that the database constructed through the efforts of MMTS has resulted in a database that is suitable for that purpose. Channel samples were obtained on roughly eight metre centres throughout the area of mineralization exposed in the mine workings. In additional to the channel samples MMTS has performed logging and sampling of untested drillcore and re-sampling of pulps. The Mineral Resources are reported over a range of cut-offs in Table 14.1and Table 14.2.

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. No Mineral Reserves have been estimated. The Project has no mine design or defined economic parameters at this time.

This report uses definitions from and follows the guidelines of the CIM Definition Standards for Mineral Resources and Mineral Reserves and is reported in the format defined in Form F1 of NI 43-101.

14.1 Summary

The estimate was constructed from a block model constrained through three-dimensional wireframes created by MMTS and validated by Snowden. The wireframes were constructed based on an interpretation of logged data and consideration of mineralized areas. Grade was interpolated into the model blocks using an ordinary kriging method. The Mineral Resources are reported over a range of cut-offs in Figure 14.1. The effective date of the estimate is December 13th, 2012. The Mineral Resource was prepared by Dr. Adrian Martínez-Vargas under the supervision of Abolfazl Ghayemghamian. The Qualified Person for this Mineral Resource is Abolfazl Ghayemghamian.

Table 14.1 December 13th, 2012 Inferred Mineral Resources reported at a range of cut-off grades

Classification	CuEq Cut-Offs	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Inferred	0.0	3,090	0.96	0.8	65,600	6.3	625	0.2	17
Inferred	0.2	2,420	1.19	1	63,500	7.7	599	0.2	16
Inferred	0.4	1,985	1.39	1.17	60,700	8.9	570	0.2	15
Base Case	**0.6**	**1,484**	**1.69**	**1.42**	**55,200**	**10.9**	**519**	**0.3**	**13**
Inferred	0.8	1,222	1.90	1.61	51,300	12.4	487	0.3	12
Inferred	1.0	1,069	2.05	1.74	48,200	13.4	461	0.3	10
Inferred	1.2	895	2.23	1.9	43,900	14.4	414	0.3	9
Inferred	1.4	771	2.38	2.03	40,400	15.3	378	0.3	9
Inferred	1.6	679	2.50	2.13	37,400	15.9	348	0.4	8
Inferred	1.8	572	2.65	2.26	33,400	16.7	306	0.4	7
Inferred	2.0	474	2.80	2.4	29,300	17.6	269	0.4	6

Notes:

1. *CIM definitions were followed for Mineral Resources.*
2. *Mineral Resources are estimated over a range of cut-off grades based on copper equivalent (CuEq). Equivalency factors include consideration of:*
   a. *Metal prices – US$3.50 per lb Cu, US$26 per oz Ag, and US$1,500 per oz Au. Assuming a US$/C$ exchange rate of US$1.00 to C$1.00 .*
   b. *Metallurgical recoveries – 90% Cu, 90% Ag, 70% Au*
3. *The operating costs used in estimating the cut-off grade are based on deposits with similar mineralization to Bul River.*
4. *Snowden did not carry out any economic analysis on the Project.*
5. *Numbers may not add due to rounding.*

Table 14.2 December 13th, 2012 Indicated Mineral Resources reported at a range of cut-off grades

Classification	CuEq Cut-Offs	Tonnes kt	Cu Eq %	Cu %	Cu klbs	Ag g/t	Ag koz	Au g/t	Au koz
Indicated	0.0	2,816	1.21	0.99	75,400	7.7	700	0.3	24
Indicated	0.2	2,461	1.37	1.12	74,300	8.7	687	0.3e	24
Indicated	0.4	2,045	1.59	1.30	71,600	10.1	663	0.3	22
Base Case	**0.6**	**1,732**	**1.79**	**1.47**	**68,200**	**11.4**	**636**	**0.4**	**20**
Indicated	0.8	1,406	2.04	1.69	63,200	13.3	601	0.4	18
Indicated	1.0	1,204	2.23	1.85	59,200	14.7	568	0.4	16
Indicated	1.2	1,069	2.37	1.98	55,900	15.7	541	0.4	14
Indicated	1.4	947	2.51	2.10	52,400	16.8	512	0.4	13
Indicated	1.6	812	2.68	2.25	47,900	18.2	475	0.4	11
Indicated	1.8	666	2.89	2.45	42,500	20.1	430	0.4	9
Indicated	2.0	564	3.07	2.62	38,200	21.7	393	0.4	7

Notes:

6. *CIM definitions were followed for Mineral Resources.*
7. *Mineral Resources are estimated over a range of cut-off grades based on copper equivalent (CuEq). Equivalency factors include consideration of:*
   c. *Metal prices – US$3.50 per lb Cu, US$26 per oz Ag, and US$1,500 per oz Au. Assuming a US$/C$ exchange rate of US$1.00 to C$1.00 .*
   d. *Metallurgical recoveries – 90% Cu, 90% Ag, 70% Au*
8. *The operating costs used in estimating the cut-off grade are based on deposits with similar mineralization to Bul River.*
9. *Snowden did not carry out any economic analysis on the Project.*
10. *Numbers may not add due to rounding.*

14.2 Disclosure

Mineral Resources reported in Section 14 were prepared by Mr Adrian Martinez-Vargas Consultant, a full time employee of Snowden under the supervision of Mr. Abolfazl Ghayemghamian Senior Consultant also a full time employee of Snowden and reviewed by Mr. Walter A Dzick, Principal Consultant for Snowden.

With the exception of Mr. Adrian Martinez-Vargas, all Snowden employees named above are Qualified Persons as defined in NI43-101. Snowden is independent of GBRM.

Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability. No economic analysis has yet been made to determine the economic cut-off grade that will ultimately be applied to the deposit at GBRM.

14.2.1 Known issues that materially affect mineral resources

Snowden is unaware of any issues that may materially affect the mineral resources in a detrimental sense.

- GBRM has represented that there are no outstanding legal issues; no legal action, and injunctions pending against the Project.
- GBRM has represented that the mineral and surface rights have secure title.
- There are no known marketing, political, or taxation issues.
- GBRM has represented that the Project has strong local community support.
- There are no known infrastructure issues.

14.3 Assumptions, methods and parameters – Snowden resource estimate

The Mineral Resource estimates for the GBRM deposit were prepared using the following steps:

- Compilation and verification of drillhole data, including independent data verification, and database verification. Data validation was undertaken by MMTS and reviewed by Snowden.
- Analysis of drillhole sample QA/QC data.
- Verification of Bul River Mine geology and mineralisation models against drillhole information.
- Coding of drillhole data within mineralised estimation domains.
- Sample length compositing. Analysis of extreme data values and application of top cuts, where necessary.
- Exploratory analysis of gold grades and density values within mineralised estimation domains.
- Variogram analysis.
- Creation of block model.
- Estimation of gold grades into blocks using ordinary kriging

- Estimation of density into blocks using ordinary kriging where possible
- Validation of estimated block grades against input sample composite grades.
- Confidence classification of estimates with respect to CIM guidelines.
- Resource tabulation and resource reporting.

14.3.1 Database

The final database was provided by MMTS on December 13, 2012. The database consisted of 678 drillholes collar and channel samples in underground galleries; a surveying table with the orientation of the drillholes and the channel samples; 4500 rows of assays from drillholes and channels; and 590 S.G. (bulk density) determinations from 59 drillholes. The raw drillhole data and specific gravity measurements was provided in Excel format, surface topography and nine vein shapes, overburden shape, mine workings shapes in dxf format.

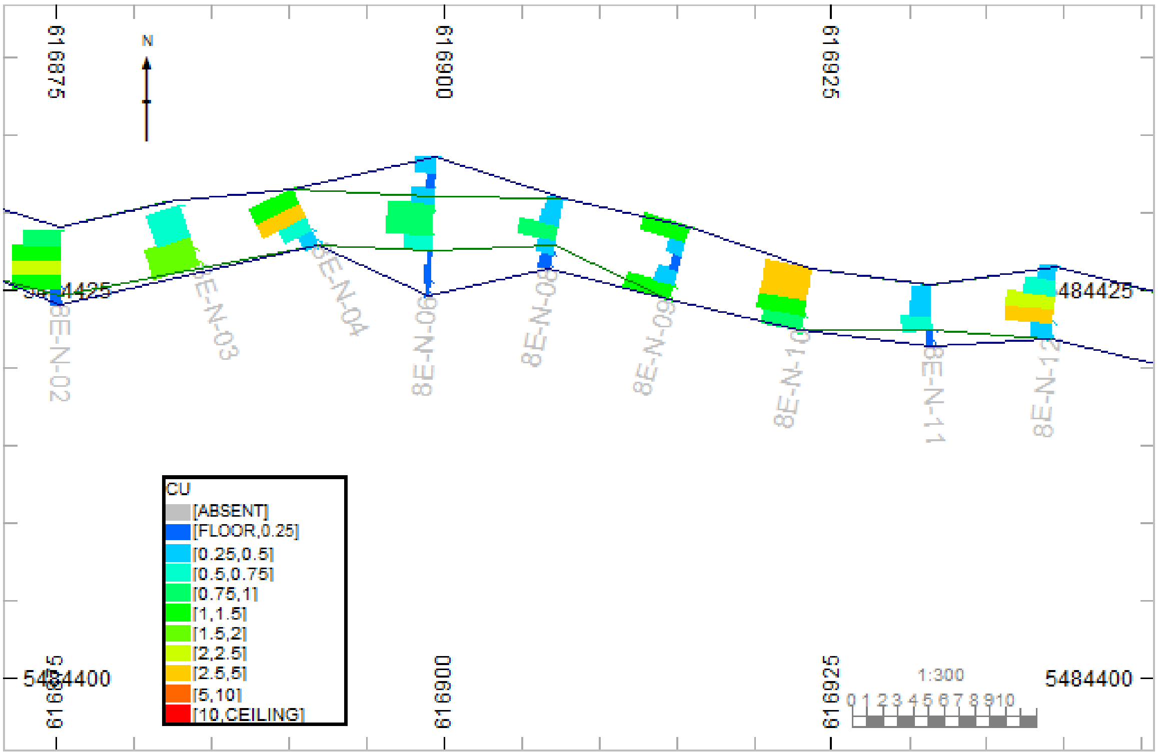
All the distance units are in metres. The copper (Cu) grades are in percent, silver (Ag) in g/t, and gold (Au) in ppb.

The original database was in Excel format. For estimation purposes Snowden converted the determinations that were below the detection limit to half of the detection limit. All QA/QC samples (standard duplicates and blanks) were removed from the database before resource estimation.

14.3.2 Wireframing and geologic interpretation

MMTS interpreted the mineralization using the geological understanding of the Bul River mineralization and the log information available in the drillhole database. As result of this work a set of 9 veins were modelled by MMTS using GEMS 3D software. Snowden reviewed the grade distribution and identified and modelled a high grade and a low grade domains within veins five, six, eight, and nine. These domains are spatially continuous and separable (Figure 14.1). MMTS created as-built wireframes for all the underground access and workings (drifts). This was used to identify the material resources already mined and ensure it is not reflected in the resource estimation.

Figure 14.1 Plan view assay values within the wireframes at elevation 630 m



14.3.3 Data Coding and Compositing

All assay data was coded with a vein number. The vein codes used are shown in Table 14.3. In total 13 estimation areas were coded into the database, besides the nine veins there are also four low grade zones located within veins five, six, eight, and nine.

Table 14.3 Vein Codes

Vein	Vein ID	Vein Code*
Marker	2	102
Lv3	3	103
Lv4	4	104
Main Central	5	105
		5 (low grade)
Main North	6	106
		6 (low grade)
Main South A	7	107
Main South B	8	108
		8 (low grade)
West 2	9	109
		9 (low grade)
Far West	10	110

After coding the data was composited to 1.0 metre length intervals within each one of the 13 mineralized domains. The one metre composite length was chosen as it is the most common sample length within the mineralized area. The compositing program avoids the presence of small residual composite samples by distributing these residuals evenly throughout the composite run. Histograms for the raw data sample length and the composited sample lengths are shown in Figure 14.2 and Figure 14.3.

Figure 14.2 Raw data sample length histogram

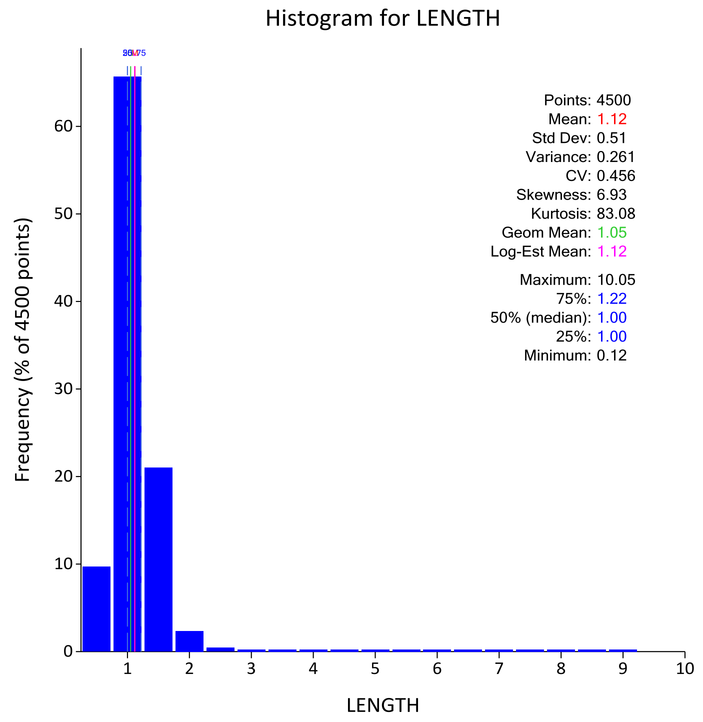
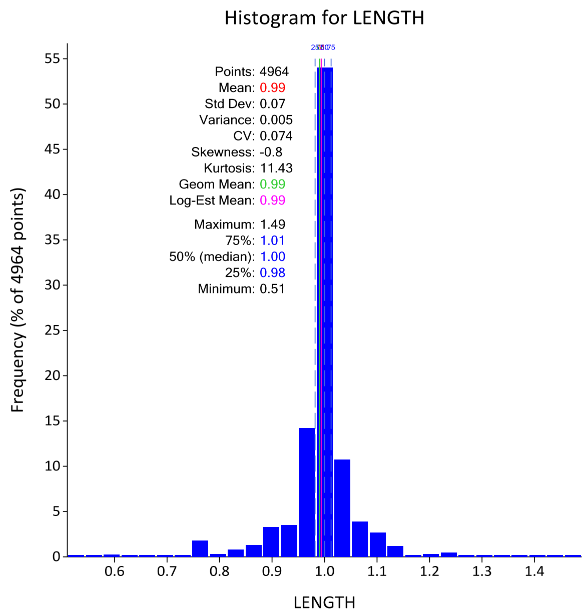


Figure 14.3 Histogram of composite sample lengths



Composite statistics for the nine high grade and four low grade mineralized zones are shown in Table 14.4 to Table 14.6.

Table 14.4 Composite statistics for Cu (%)

Domain	Samples	Min	Max	Mean	St. dev.	CV
Total	5035	0.00	15.77	0.72	1.37	1.92
Non Mineralized	2171	0.00	10.95	0.33	0.86	2.60
5 low	15	0.03	0.38	0.10	0.09	0.93
6 low	129	0.00	1.50	0.24	0.30	1.25
8 low	164	0.00	1.24	0.11	0.14	1.32
9 low	279	0.00	0.95	0.12	0.12	1.01
102 hi	91	0.01	11.84	1.84	2.31	1.25
103 hi	13	0.01	4.46	1.01	1.44	1.42
104 hi	46	0.00	6.46	1.55	1.50	0.97
105 hi	60	0.03	7.71	1.54	1.53	0.99
106 hi	501	0.01	15.77	2.02	2.32	1.15
107 hi	90	0.01	6.54	0.70	1.19	1.72
108 hi	409	0.03	11.90	1.90	2.07	1.09
109 hi	622	0.00	7.53	0.71	0.70	0.99
110 hi	445	0.00	2.76	0.37	0.40	1.07

Table 14.5 Composite statistics for Ag (g/t)

Domain	Samples	Min	Max	Mean	St. dev.	CV
Total	5035	0.00	206.00	6.10	12.58	2.06
Non Mineralized	2171	0.00	206.00	3.38	9.25	2.74
5 low	15	1.00	3.00	1.20	0.56	0.47
6 low	129	0.10	19.00	2.71	3.31	1.22
8 low	164	0.20	16.00	1.37	1.63	1.19
9 low	279	0.80	9.00	1.18	0.67	0.57
102 hi	91	0.09	93.00	16.56	19.17	1.16
103 hi	13	1.00	35.44	9.18	11.90	1.30
104 hi	46	1.00	85.81	17.30	18.41	1.06
105 hi	60	1.00	46.90	10.57	9.76	0.92
106 hi	501	1.00	149.00	16.91	19.98	1.18
107 hi	90	0.40	106.65	10.11	17.64	1.75
108 hi	409	0.29	160.00	14.52	20.14	1.39
109 hi	622	0.90	49.88	4.60	5.04	1.10
110 hi	445	0.20	23.00	2.74	2.79	1.02

Table 14.6 Composite statistics for Au (g/t)

Domain	Samples	Min	Max	Mean	St. dev.	CV
Total	5039	0.00	22.83	0.21	0.68	3.31
Non Mineralized	2174	0.00	17.00	0.12	0.59	4.80
5 low	15	0.00	0.03	0.01	0.01	0.71
6 low	129	0.00	0.42	0.03	0.05	1.45
8 low	164	0.00	1.58	0.05	0.14	3.08
9 low	279	0.00	8.29	0.14	0.53	3.76
102 hi	91	0.00	1.51	0.17	0.23	1.39
103 hi	13	0.00	0.66	0.12	0.18	1.49
104 hi	46	0.00	0.99	0.19	0.20	1.07
105 hi	60	0.00	0.95	0.17	0.18	1.02
106 hi	502	0.00	10.00	0.36	0.65	1.79
107 hi	90	0.00	0.62	0.08	0.13	1.71
108 hi	409	0.00	8.51	0.42	0.73	1.73
109 hi	622	0.00	22.83	0.41	1.24	3.00
110 hi	445	0.00	3.02	0.16	0.30	1.94

Snowden conducted statistical analysis on the sample data from within the mineralized veins and those results are presented in Figure 14.4 to Figure 14.6.

Figure 14.4 Log Histogram for Cu

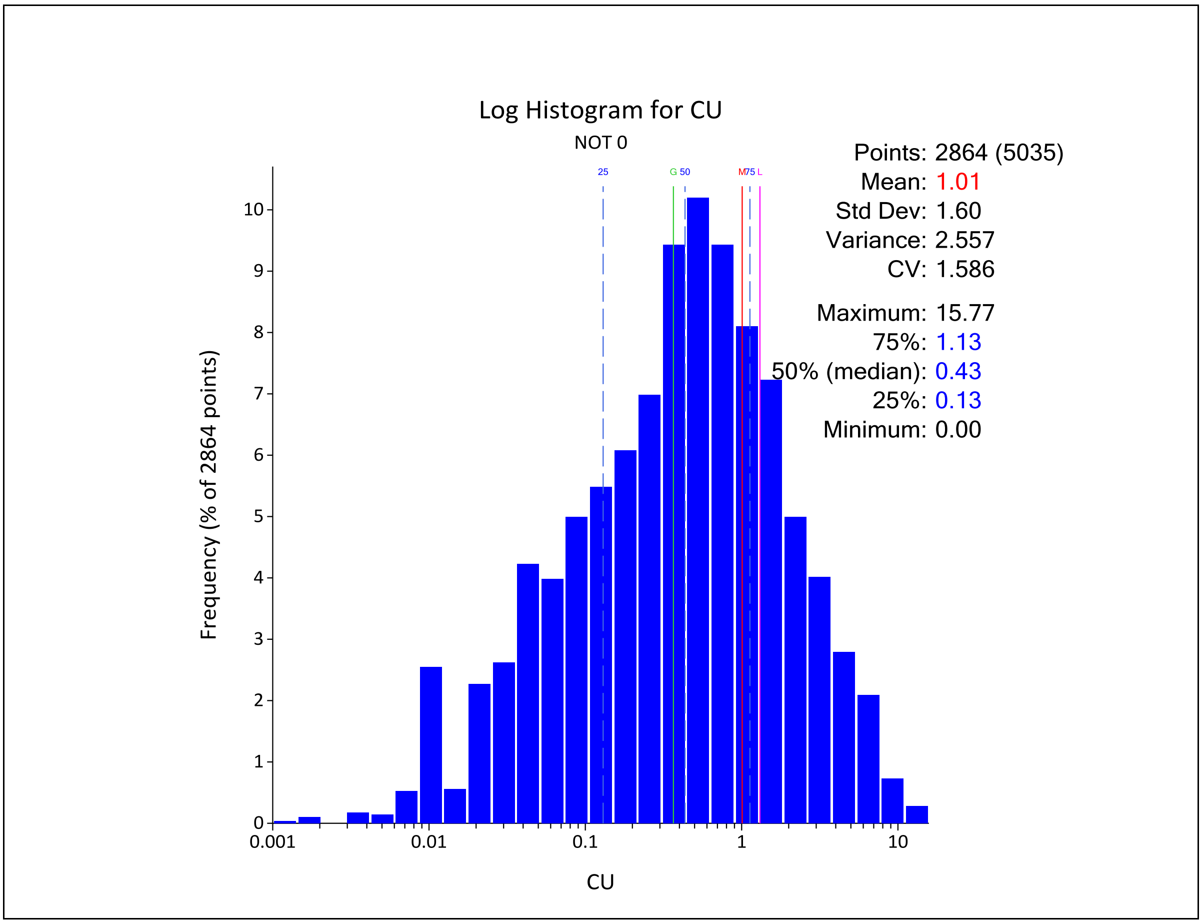


Figure 14.5 Log histogram for Ag

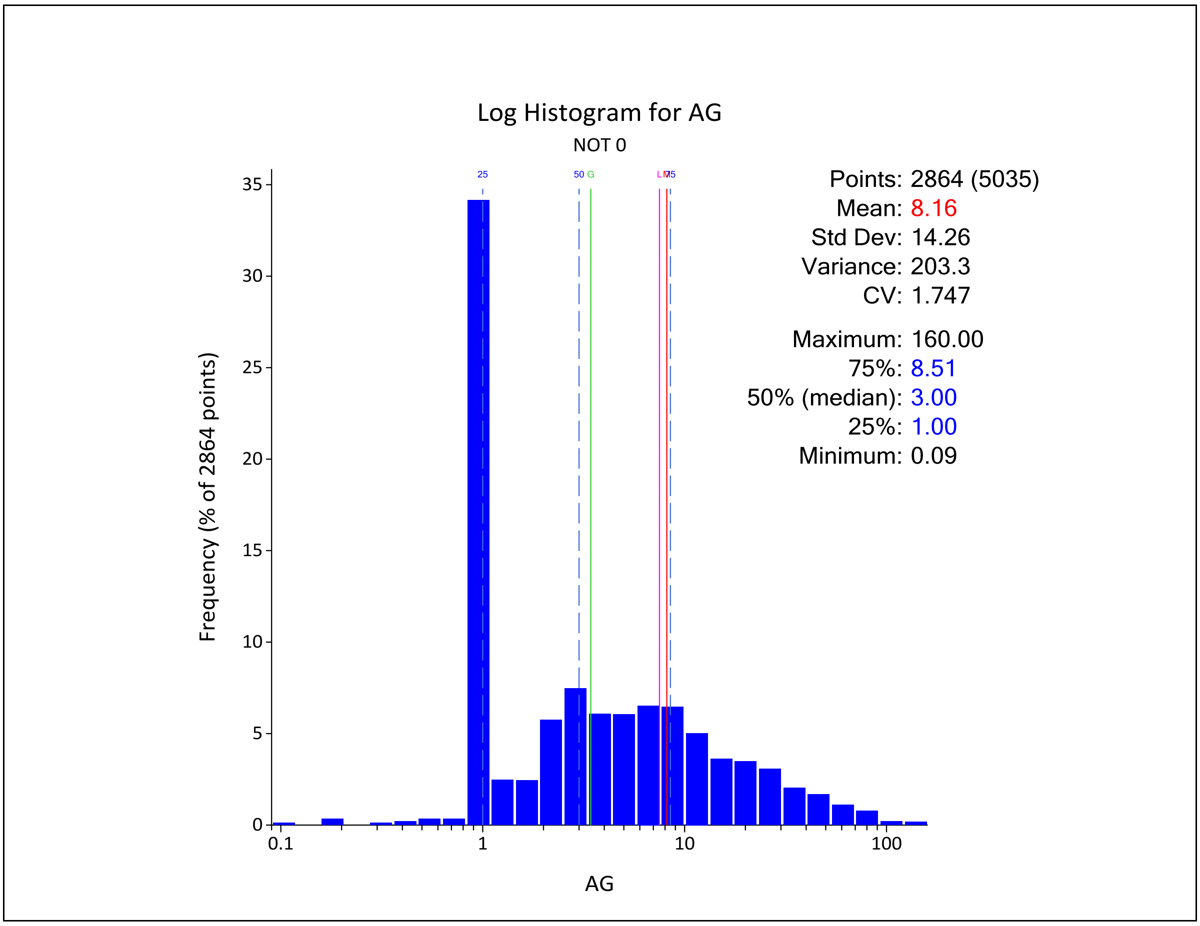
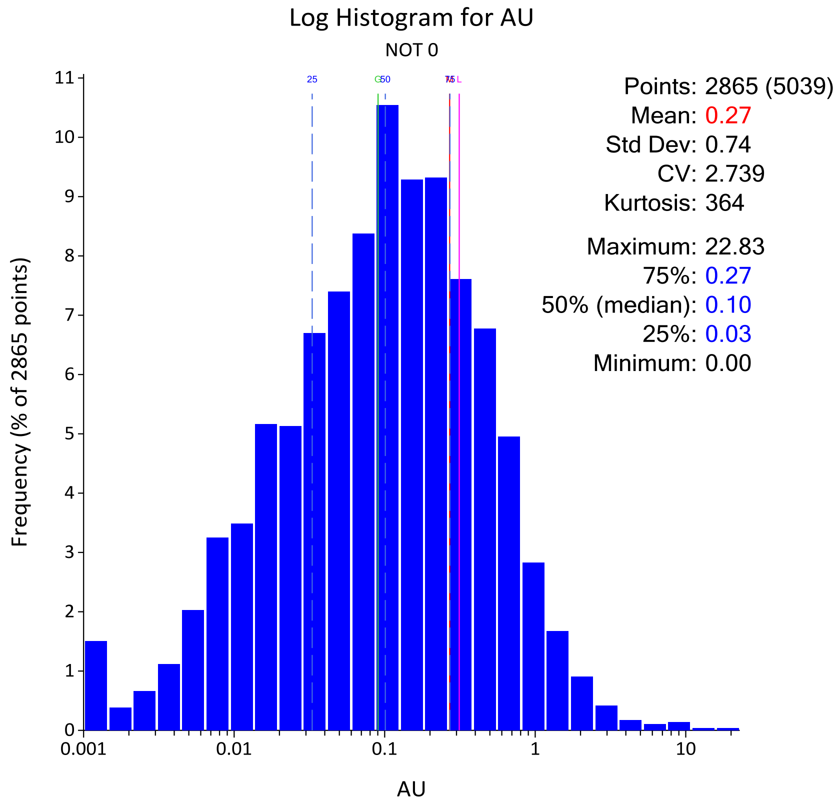


Figure 14.6 Log Histogram for Au



14.3.4 Top Cutting

Analysis of the data set for all elements outlined the requirement for top cutting to avoid overestimating due to the effect if high grade outlying assays. Snowden based the top cutting strategy on an analysis of the probability distribution functions and histograms for Cu, Ag, and Au distributions within the modelled veins. The log probability plots for this analysis are shown in Figure 14.7 to Figure 14.9. Top cuts were applied to the composited data and are seen in Table 14.7. No top cut was applied to the Cu% assay data.

Table 14.7 Top cuts as applied to composited data

Element	Top-cut	Value
Cu	-	% Cu
Ag	100.0	g/t Ag
Au	7.0	g/t Au

Figure 14.7 Probability plot for Cu

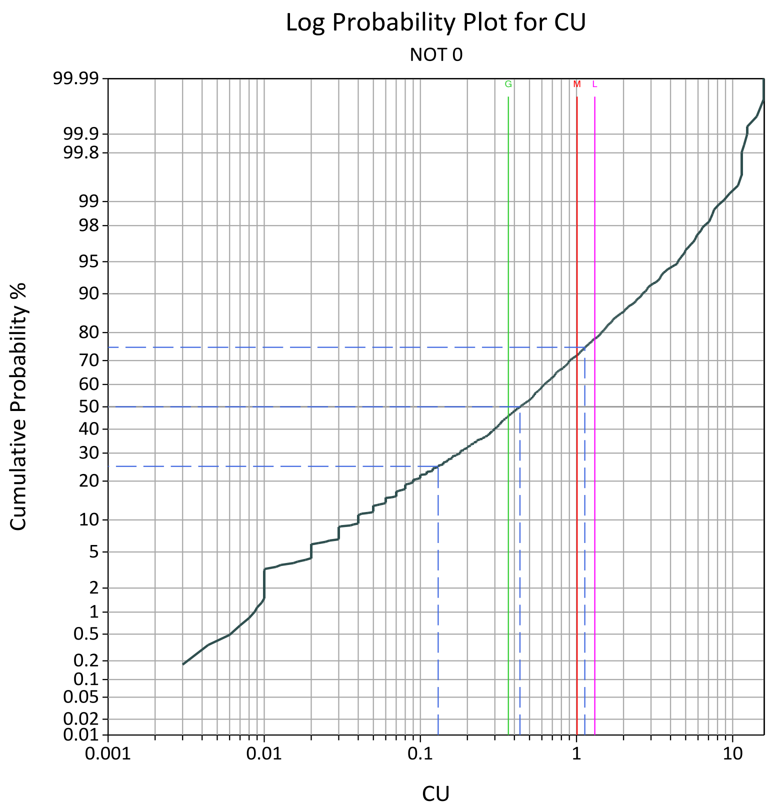


Figure 14.8 Probability plot for Ag

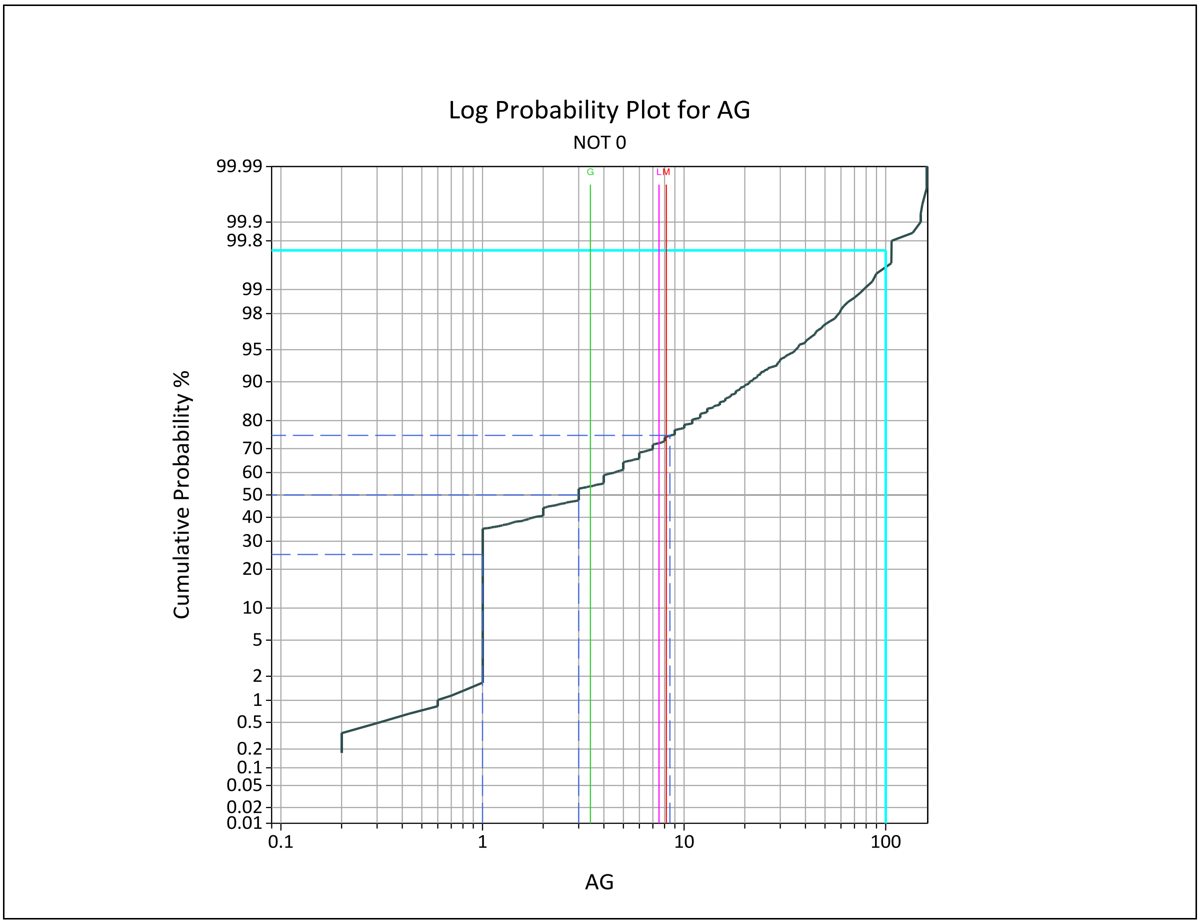
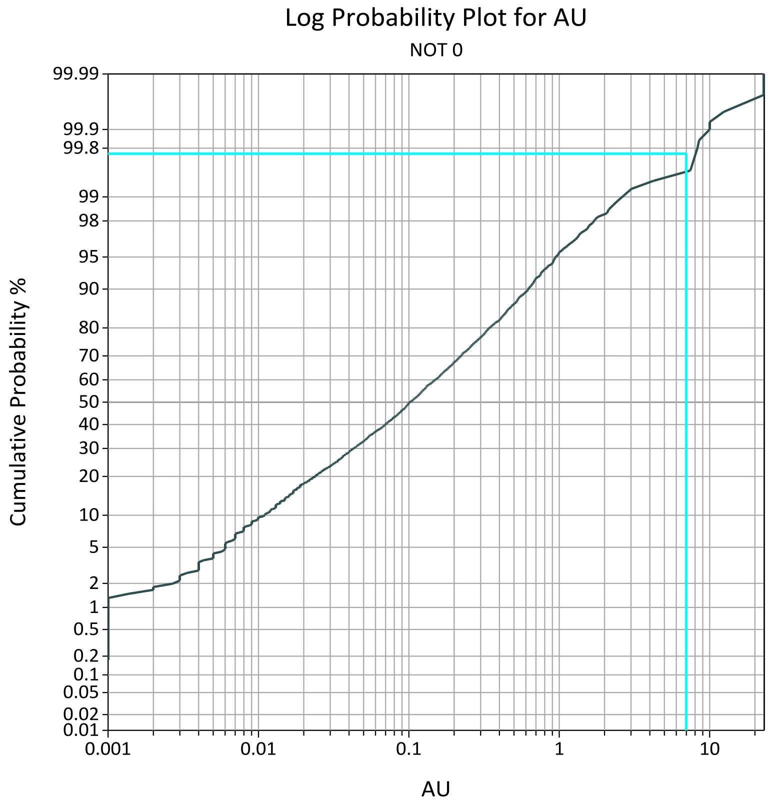


Figure 14.9 Probability plot for Au



14.3.5 Block Model

For the estimation a block model was created in Datamine software with a parent cell size of 5 m by 5 m by 5 m. This block size was selected because it represents approximately 1/4 of the distance between levels and it is about half the distance between the traverse channel samples taken in the underground workings across the mineralization. The basic block model parameters are shown in Table 14.8.

Table 14.8 Block Model Parameters

Parameter	Value
Xmin	616100
Ymin	5483910
Zmin	430
Cell size in X direction	5
Cell size in Y direction	5
Cell size in Z direction	5
Number cells in X direction	334
Number cells in Y direction	304
Number cells in Z direction	112

14.3.6 Variography

The mineralized zones were combined into two zones in order to obtain sufficient data points to the construction of meaningful variograms. Veins number nine and ten were combined to create the west zone and veins two through eight were combined to form the east zone. The two zones differ by orientation as seen in Figure 14.10.

Figure 14.10 Vein orientation

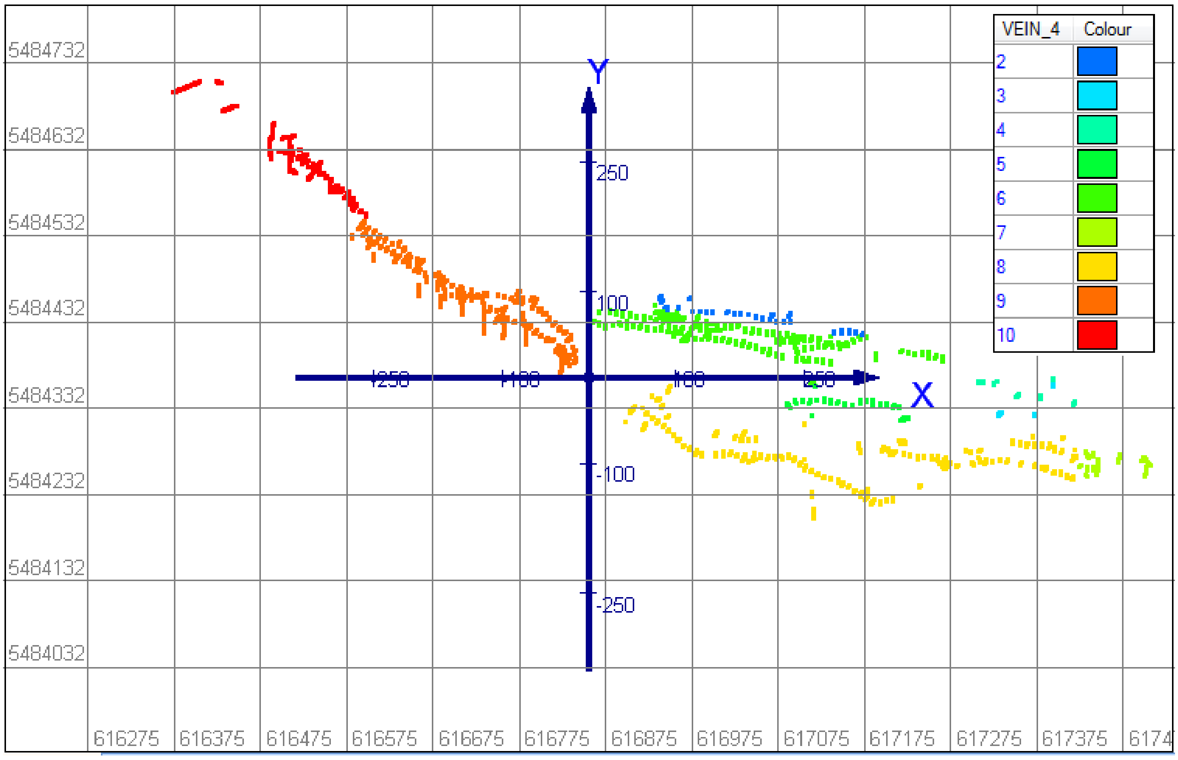


Figure 14.11 East Zone Cu experimental variograms

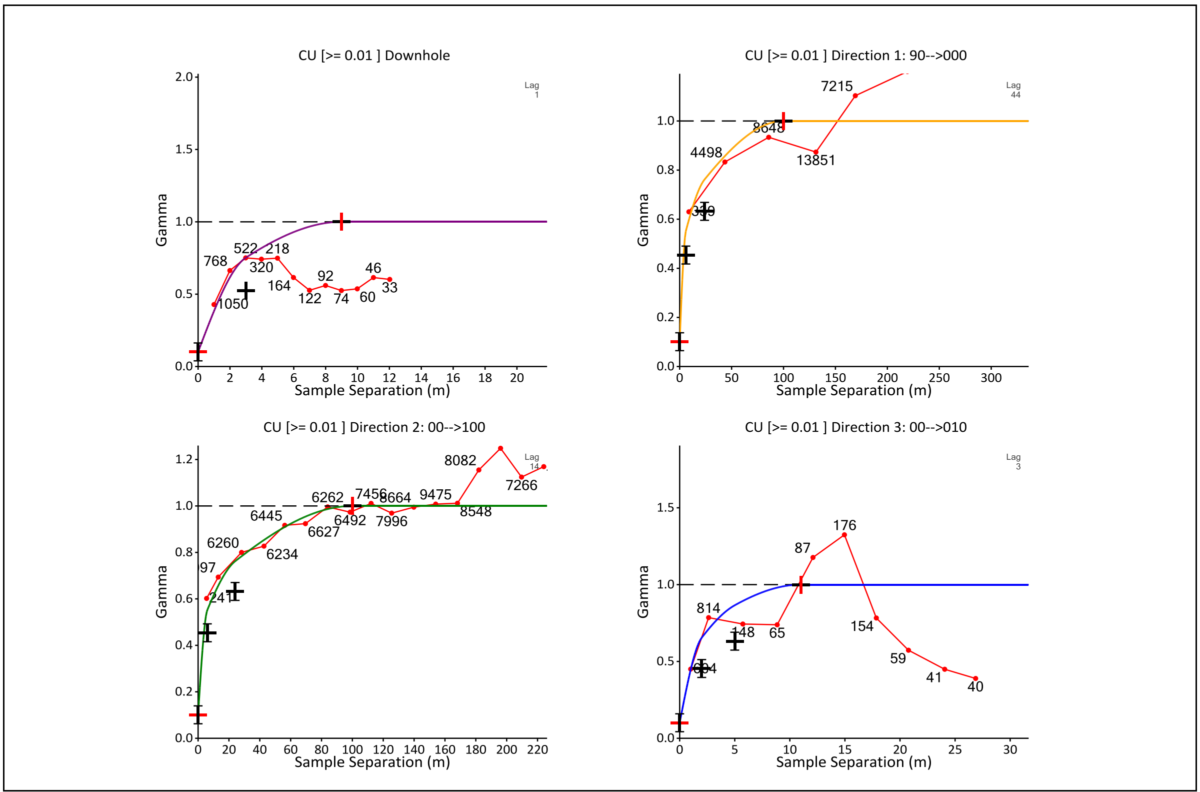


Table 14.9 East Domain Cu variography

			Structure 1		Structure 2		Structure 3	
Direction	Orientation	Nugget	Sill	Range	Sill	Range	Sill	Range
1	090-->000	0.14	0.4	6	0.18	24	0.29	100
2	000-->100	0.14	0.4	6	0.18	24	0.29	100
3	000-->010	0.14	0.4	2	0.18	5	0.29	11

Figure 14.12 West Zone Cu experimental variograms

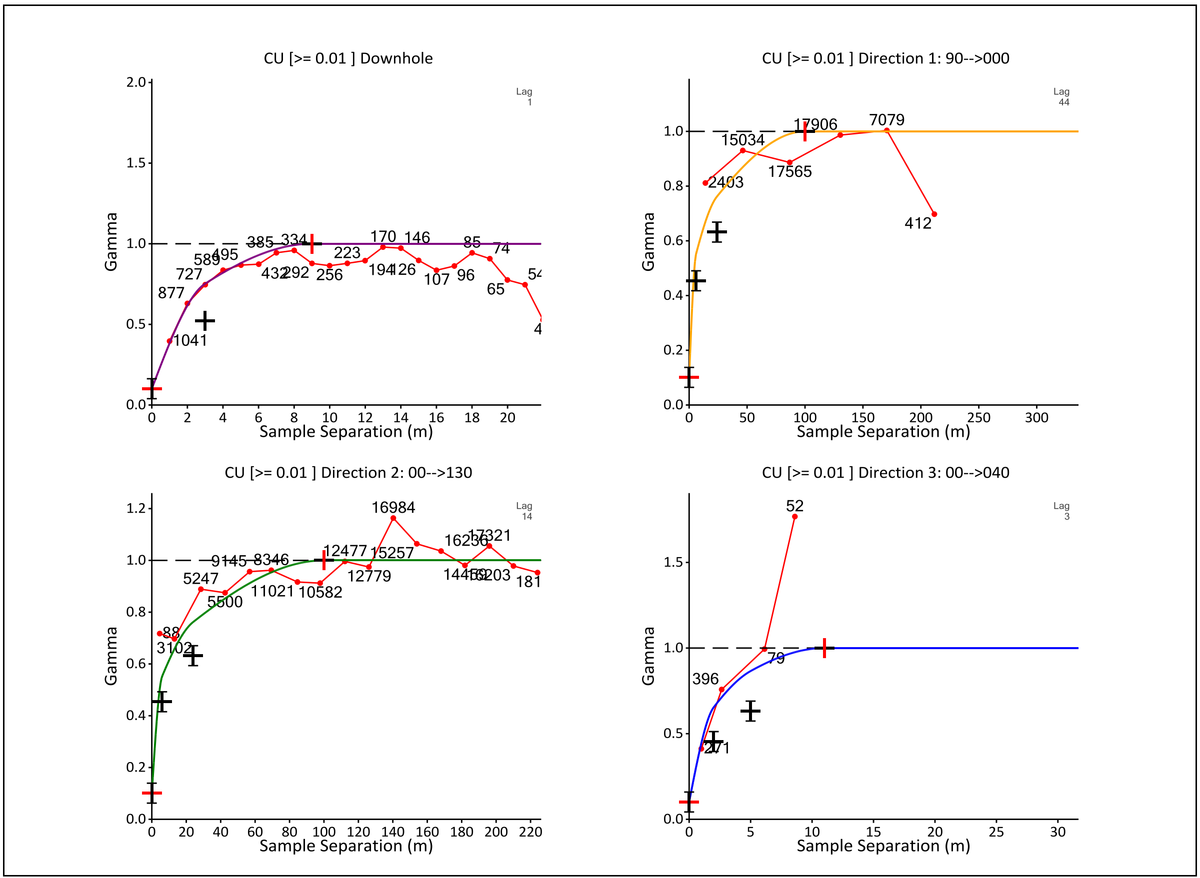


Table 14.10 West Domain Cu variography

			Structure 1		Structure 2		Structure 3	
Direction	**Orientation**	**Nugget**	**Sill**	**Range**	**Sill**	**Range**	**Sill**	**Range**
1	090-->000	0.14	0.4	6	0.18	24	0.29	100
2	000-->130	0.14	0.4	6	0.18	24	0.29	100
3	000-->040	0.14	0.4	2	0.18	5	0.29	11

The experimental variograms were calculated and fitted in the main vein direction using normal scores transformation in order to improve the continuity of the variograms. The East zone variograms and details are shown in Figure 14.11 and Table 14.9 respectively. The West zone variograms and details are shown in Figure 14.12 and Table 14.10 respectively. Analysis of both the East and West zones shows little anisotropy within the plane of the veins evidenced by the similar ranges for the first and second structures of the variogram. The third structure is across the strike of the veins and in both zones the range is 5 metres.

14.3.7 Estimation parameters

The grades for Cu, Ag, and Au were interpolated into the block model independently within each of the 13 estimation domains using ordinary kriging. A search ellipse with axis in the same orientation as the three major directions seen in the variograms was used to select samples for interpolation into the blocks. Discretization was set at 4, 4, and 3 for x y and z directions. The minimum samples was set at 8 and the maximum sample count was set to 25 for the first pass. The minimum sample count was set to 12 and the maximum sample count was set to 25 for the second pass. The minimum sample count was set to 3 and the maximum sample count was set to 25 for the third and final pass. The search ellipse and estimation parameters are outlined in Table 14.11.

Table 14.11 Search ellipse and estimation parameters

Parameter		Value	
Veins		2 to 8	9 and 10
Size	Semi-axis a	60	60
	Semi-axis b	60	60
	Semi-axis c	15	15
Orientation	Semi-axis a	090-->000	090-->000
	Semi-axis b	000-->130	000-->100
	Semi-axis c	000-->040	000-->010
Maximum number of samples per drillhole		5	5
First search pass			
Minimum number of samples		8	8
Maximum number of samples		25	25
Second search pass			
Size increment		2	2
Minimum number of samples		12	12
Maximum number of samples		25	25
Third search pass			
Size increment		6	6
Minimum number of samples		3	3
Maximum number of samples		25	25

14.3.8 Block Model Validation

Model validation was done through comparison of the mean grades in the composited data to the mean grades in the block model (Table 14.12). Slice validation was also performed and the resulted of that analysis are seen in Appendix B.

Figure 14.13 and Figure 14.14 below show a comparison of the sample assay grades and block model grades.

Table 14.12 Comparison of mean values block model vs composite samples

Domain	AG		AU		CU	
	Model	Composite	Model	Composite	Model	Composite
5	1.18	1.20	0.01	0.01	0.09	0.10
6	2.92	2.85	0.03	0.03	0.26	0.25
8	1.31	1.40	0.04	0.05	0.11	0.11
9	1.18	1.16	0.13	0.14	0.13	0.12
102	13.09	17.54	0.12	0.17	1.42	1.97
103	9.26	9.18	0.13	0.12	1.02	1.01
104	10.43	17.78	0.13	0.19	1.01	1.59
105	11.72	15.38	0.20	0.27	1.79	2.34
106	18.31	17.19	0.36	0.36	2.17	2.00
107	13.51	12.21	0.11	0.10	1.02	0.91
108	13.12	15.31	0.41	0.42	1.90	2.00
109	3.75	4.47	0.35	0.42	0.63	0.70
110	3.21	3.02	0.13	0.16	0.48	0.43

Figure 14.13 Comparison of sample assay grades to block interpolated grades (1)

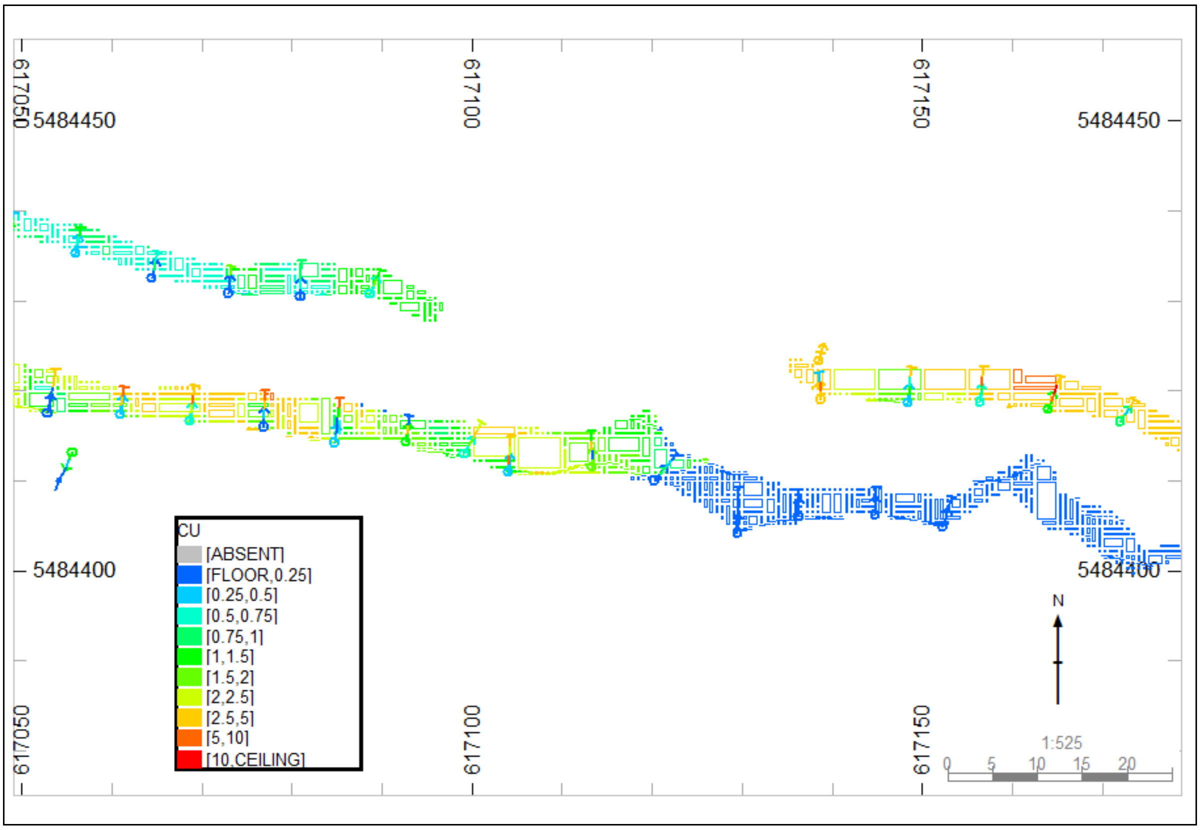
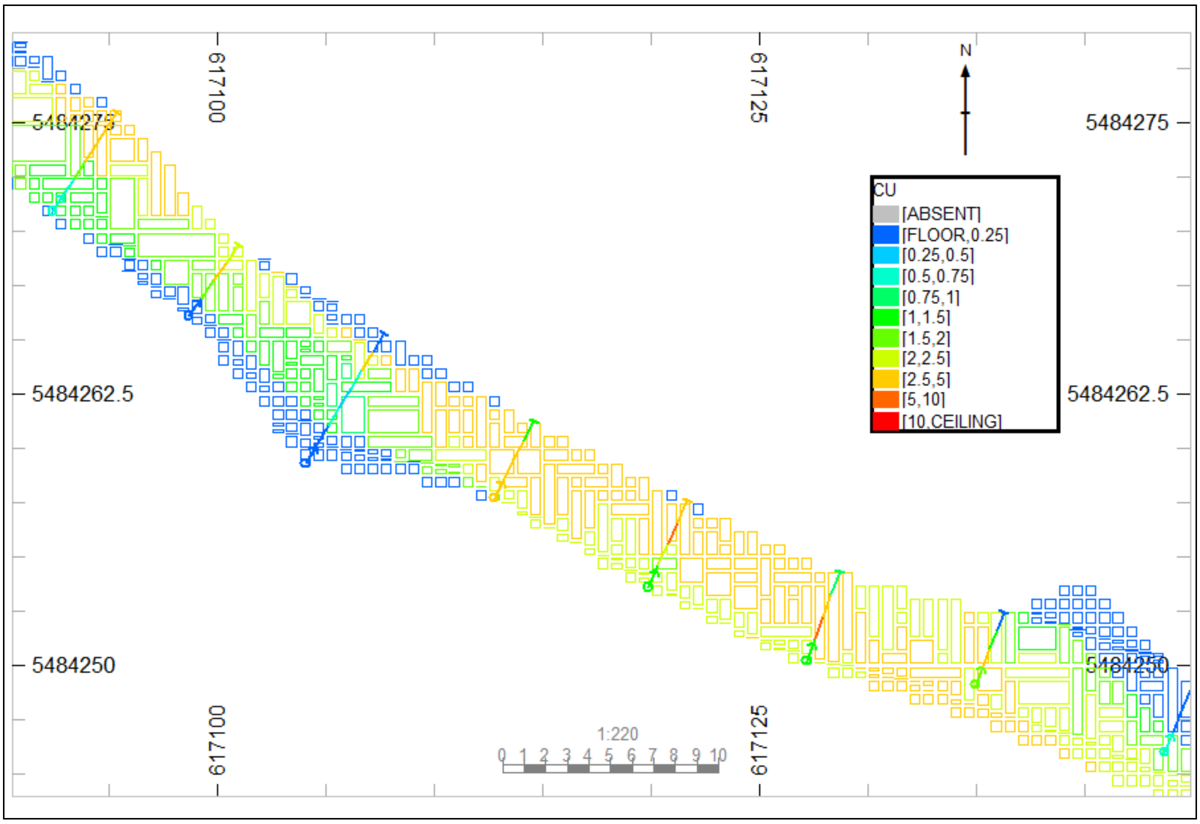


Figure 14.14 Comparison of sample assay grades to block interpolated grades (2)



14.3.9 Mineral Resource classification

The mineral resource confidence classification of the Bul River mine resource estimate has incorporated several factors, such as confidence in the accuracy of the drillhole data, availability of specific gravity measurements, level of geologic interpretation, geologic continuity, data density, spatial grade continuity and estimation quality. These classification categories meet CIM definitions for classification of mineral resources.

The portion of the resource model where there was sufficient confidence in the estimate was classified as Indicated and the other areas the resource is classified as Inferred. The Inferred classification is seen in Table 14.1. The Indicated classification is seen in Table 14.2.

The cut-off grade determination used the following parameters for establishing the CuEq or copper equivalent grade. These were the similar to the parameters utilized in the RPA march 30, 2012 report.

- Metallurgical recoveries = 90% copper, 90% silver, 70% gold (RPA = 65%)
- Copper price = US$3.50/lb
- Silver price = US$26.00/oz
- Gold price = US$1,500/oz
- Exchange rate = US$1.00 to C$1.00

14.3.10 Mineral Resource reporting

Mineral Resources are reported at Bul River in Table 14.1 to Table 14.2. Tonnes and grade are reported above a range of cut-offs grades. No detailed economic analysis has been made to determine the economic cut-off that will ultimately be applied to the Bul River mine deposit.

15 Mineral Reserve estimates

There are no Mineral Reserves at GBRM at this time.

16 Mining methods

There is no relevant data for this section.

17 Recovery methods

There is no relevant data for this section.

18 Project infrastructure

There is no relevant data for this section.

19 Market studies and contracts

There is no relevant data for this section.

20 Environmental studies, permitting, and social or community impact

20.1 Regulatory Framework

The Bul River Gallowai Mine is currently permitted under a BC Mines Act Ministry of Mines (MEM) Permit M-33, issued on August 9, 1979, which authorizes production of ore up to 75,000 tpa. The last revision of the Permit was dated July 22, 2005. Under this authorization, operation of the existing Process Plant or deposition of process tailings on site is not allowed.

Any increase in production, or operating proposal that would include utilization of the Process Plant or depositing of tailing materials on site, would require an amendment to the MEM operating permit and is referred to in this document as the “Bul River Mine Restart”, or simply “the project”.

The project would not likely fall within the category of a “reviewable project” of the British Columbia Environmental Assessment Act (BCEAA), administered by the BC Environmental Assessment Office (BCEAO), and should not trigger the Canadian Environmental Assessment Act (CEAA).

The project is not likely to trigger any of the foreseeable triggers of the BCEAA or CEAA, and would likely proceed on the basis of an expansion to an existing facility under the Mines Act of BC.

Other requirements of Provincial and Federal Acts and Regulations will also apply, depending upon final design components. An amendment of the existing Waste Management Permit under the Environmental Management Act for approval to deposit tailings and to operate the Processing Plant will be required.

20.1.1 Provincial Processes

The cost of preparing the Mines Act and Environmental Management Act Applications, including the cost of background studies and mitigation planning, is estimated to be approximately $370,000.

A significant aspect of permit applications for the project will include the need for amendments to an acceptable mine and reclaimation plan, an environmental management system, a sediment control and water management plan and a mine abandonment plan. Other specific environmental plans may include fish habitat mitigation, wildlife habitat mitigation, access management, selenium management, special waste management, and others. Cost and time for major environmental plans are included in the cost of the applications, however the cost of specific plans are not included, as the scope of their requirements have not been fully developed.

20.1.2 Federal Processes

Federal environmental assessments must be conducted prior to a project proceeding if: a federal authority is the proponent of the project, federal money is involved, the project involves land in which a federal authority has an interest, or some aspect of the project requires federal approval or authorization.

Although details of the project have not been fully developed, it seems likely that Federal Environmental Assessment will not be required.

20.2 Local and Regional Processes

20.2.1 Regional Land Use Planning

The Project is located on private land and adjacent to lands that have been zoned in the East Kootenay Land Use Plan for resource use and development, including mining (CORE 1994; Government British Columbia 1995). Under the Kootenay-Boundary Land Resource Management Plan Implementation Strategy (Kootenay Inter-Agency Management Committee 1997), the Project area is within the Integrated Land Use Zone designation, defined as an area where a range of land uses are accepted.

20.2.2 Local Land Use Planning

The existing Bul River Operations in the Galloway area are in a development area zoned for mining activities thus it is assumed that the Project would not require zoning modifications by local communities or the Regional District of East Kootenay.

Due to the proximity to the Bull River/Kootenay River and the Canada/US border, the high wildlife and fisheries values, and the public and commercial use of the area, it is likely that impact management and communication with potentially effected stakeholders will require significant time and resources.

Other licensed land use tenures in the Project area include mineral resources, forest resources, registered trap lines, guide outfitter areas, and commercial recreation areas. All current tenure holders would require consultation and possible accommodation as a result of predicted impacts to their operations.

Non-tenured land use in and adjacent to the project area include hiking, camping, hunting, fishing, skiing, and motorized recreation with ATVs and snowmobiles.

20.2.3 Environment

The recommended approach to Environmental issues for the MEM and MOE applications is:

- describe the history of, and existing conditions, under the headings below,
- describe the proposed changes to the existing operations,
- indicate possible key impacts, and then
- recommend mitigation, monitoring and closure plans.

Background studies, including several conducted over the history of the operation of the Bul River mine can be utilized to support MEM and MOE permit applications. Some specific studies may still be required, but are likely to be relatively minor in nature and would likely include the following:

20.2.4 Water

- The Bul River project is adjacent to the Bull River, which flows into the Kootenay River, then into the United States, approximately 65 kilometres to the south.
- The Bul River and its tributaries have characteristically clean waters, and is representative of other area streams with industrial resource extraction activities such as forest harvesting and mining.
- The proposed Bul River mine disturbances are not expected to have a significant impact on water resources.

20.2.5 Air

- The project area is active for resource extraction, and several roads in the area can contribute to air borne dust emissions. No permanent residents are in the immediate area, but recreational use is significant year round.
- Background air quality in the area is expected to be good.
- Mitigation measures to protect air quality include mine site traffic dust control, early reclamation of disturbed areas, and management of particulate emissions from the Processing Plant.

20.2.6 Fisheries

- The Bul River and its tributary streams contain several species of fish, including Bull Trout, Cutthroat Trout, and Mountain Whitefish. These species are important components of both public and commercial recreation in the project area.
- Significant resources would be required to study the baseline, projected impacts and mitigation measures needed to satisfy Permit application criteria.
- No significant impact to fisheries is anticipated from the proposed Bul River project with careful execution of mitigation and reclamation plans.

20.2.7 Wildlife

- The Bul River project area contains habitat for several species of wildlife including Black and Grizzly bears, wolves, coyotes, wolverine, marten, lynx, bobcat, moose, mule and whitetail deer, and elk and sheep. Numerous other species of birds, amphibians and smaller mammals are also likely present during some of all of their life cycles.
- The project area does not propose to disturb additional areas of ungulate winter range, although reclamation of the site after mining will address this value component.
- With early and well planned mitigation and reclamation of disturbances, it is anticipated that impacts to wildlife in the project area will not be significant.

20.2.8 Hydrology

- The Bul River and its tributaries near the project area are not directly affected by the Bul River project.
- As a result of planning and site management, it is anticipated that no significant impacts to the Bull River hydrology will occur.

20.2.9 Noise and Visuals

- The Bul River Valley in the area of the Bul River mine hosts a wide variety of visual landscapes, and is likely at a low background level for noise.
- Further studies on both noise and visual impacts will be required for any environmental impact assessments.
- Due to the relatively small size of the mining and spoil areas, and the temporary nature of the disturbances, the overall impact of noise and visuals is expected to be minimal, with mitigation measures.

20.2.10 Land and Resource Use

- The land uses as described above provide a strong framework for inclusion of identified features significant to the Bul River project.

- It is anticipated that the Bul River project will be compatible with the objectives of Regional and Local Land Use Plans.

20.2.11 Archaeological and Heritage Resources

- The Bul River valley has been utilized by Aboriginal peoples well before contact with Europeans, and is likely to contain archaeological and heritage resources.
- Detailed studies on the existing and potential resources within the project area may be required, although the project is not expected to impact areas not already disturbed by mining activities.

20.2.12 First Nations

An important component of project approval will be the requirement to consult, and accommodate if necessary, the impact to identified First Nations Communities in the Project area. Although consultation is the duty of government, certain aspects of the consultation process can, and will likely be, delegated to the Project proponents.

The Ktunaxa Nation has occupied the lands adjacent to, and including the Kootenay and Columbia rivers and the Arrow Lakes of BC for more than 10,000 years. The territory of the Ktunaxa Nation is roughly 70,000km^2 within the Kootenay region of southeastern BC and parts of Alberta, Montana, Washington and Idaho.

The Project lies within Ktunaxa traditional territory.

20.2.13 Consultation

The proponent’s consultation should be focused on developing a full understanding of First Nation treaty rights, treaty lands, citizens, and treaty interests in the project area in order that the Province will have sufficient information to evaluate the relationship between the project and the rights and interests which arise under treaty.

The Bull River Area, where the Project is located, is on private land and is not included in the Treaty negotiation process presently under way with the Ktunaxa First Nation, British Columbia, and the Federal Government.

20.2.14 Engagement

Depending upon the specifics of the consultation process, and if any accommodation of impacts to the Ktunaxa First Nation is determined, a plan for engagement would be developed and implemented.

20.2.15 Social and Economic

The major focus of social impacts of the proposed Bull River Restart will be to re-employ approximately 100 employees laid off when the mine operation was suspended in 2011.

The direct and indirect impact of wages and related tax revenue will be significant for the East Kootenay, where job losses in the Forestry sector have been significant, especially in the rural areas like those near the project area.

The Public Consultation Policy Regulation in BC sets out standards for public consultation in the Mine Permitting process. Depending upon the level of public interest and the significance of the issues, public hearings may also be required.

The project proponent will be required to have Safety and Health Policies consistent with government requirements and at a standard that is high enough to attract and maintain a skilled workforce. A commitment to sustainability governance will also be an asset to maintaining the necessary social license to operate in the area with local community support.

Benefits of the project include direct and indirect employment, local spending by the mine operation, contractors and employees, and significant contributions to local, regional, provincial, and federal taxes.

A policy of local spending and local employment practices for area residents is recommended, as is a policy to attract, train and retain First Nations employees and contractors.

20.2.16 Stakeholder Identification, Engagement, and Consultation

Stakeholders with an interest in the project should be identified early in the permitting process, so that their input may be considered and applied where appropriate. It is recommended that engagement with identified stakeholders by project proponents be initiated as soon as possible.

Communication should begin as early as the exploration stage, and should increase accordingly, once a Final Project Description is generated. Meaningful dialogue with stakeholders including engagement and consultation will improve project timelines, reduce unnecessary costs, and enhance the probability of appropriate approvals.

21 Capital and operating costs

There is no relevant data for this section.

22 Economic analysis

There is no relevant data for this section.

23 Adjacent properties

The Stanfield Holdings comprise a group of occurrences close to GBRM that have been explored by Gallowai and Bul River. These occurrences include the Old Abe, the Copper King, the G Zone, the Trilby, the Empire Strathcona, and the Feldspar Deposit. Other unnamed prospects are also described by Mosher (2003). A summary of relevant adjacent property location and mineralisation styles is included in Table 23.1.

Table 23.1 Summary of adjacent property mineralisation styles and locations

Name	Location UTM	Minerals	Description of Property	Reference
Old Abe	5,485,500N 616,500E	Cu, Pb, Ag	Veins and Dykes in Aldridge Argillite, Trenches and Adits	1899 - MEMPR Annual Rep. p658
Central Adit	5,484,900N 617,050E	Cu, Ag	Veins and Dykes Adit	1898 - MEMPR Annual Rep. p1005
Dalton	5,484,500N 617,000E	Cu, Ag, Au	Veins in Shear Zones in Aldridge and Subcropping. Two Open Pits	1969 - MEMPR Geol. Exp & Mining. p348
Copper King	5,486,000N 619,500E	Cu, Pb, Ag	Veins and Dykes in Aldridge Argillite, Quartzite adits	1898 MEMPR p 1006 1925 MEMPR p228 1972 MEMPR p64
Trilby Group	5,484,600N 620,000E	Pb, Cu, Ag	Veins and Dykes in Aldridge Argillite	1898 MEMPR p 1005 1925 MEMPR p229
Eagle Plume	5,493,000N 608,800E	Cu, Au, AG	Vein in Kitchener Limestone and Siltite	1927 MEMPR p127
Bull River Iron	5,485,150N 622,550E	Fe	Hematite filled fissures in Kitchener Dolomites	1920 MMPR p117/118
Viking	5,480,600N 624,000E	Cu, Pb, Ag	Vein in Creston green Siltites	1977/78 Preliminary Map 34
Great Western	5,480,500N 624,900E	Pb, Zn	Vein in Aldridge Argillites	1926 MEMPR pp244-246
Dean	5,473,000N 628,800E	Cu, Ag	Vein in Aldridge Argillite	1898 MEMPR p1003
Empire Strathcona	5,473,600N 630,850E	Cu, Ag	Vein in Aldridge Argillite	1898 MEMPR p1002 1929 MEMPR p298 1930 p243/244
Burt	5,474,200N 632,500E	Pb, Zn, Ag, Au	Vein in Aldridge Argillites	1937 pg 42/42

In the immediate GBRM area there are at least two significant mineral occurrences, one at each end of the mine area, Old Abe in the west, and Copper King in the east. Chiang, 1973, notes that both prospects, as well as the mine, are related to two or three diorite dykes that strike east/west through the area. The dykes are dioritic in composition with up to 1% fine-grained pyrite and rare chalcopyrite. Contacts show a "chilled zone" in the diorite up to 3 m wide with included country rock xenoliths, while the sediments are altered to light grey, "flint-like", and dense. There are two types of quartz-siderite veins associated with the dykes, one occurs within the dyke and has the same orientation as the dyke, while the second cross-cuts the dykes and extends into the country rock. The exact relationship between the dykes and the mineralization is unknown but could well provide direction to future exploration.

23.1 Old Abe

The Old Abe prospect lies approximately 1,000 m northwest and approximately 300 m in elevation above the GBRM portal. Placid drilled two holes but only minor sulphides were intersected (Mosher, 2003).

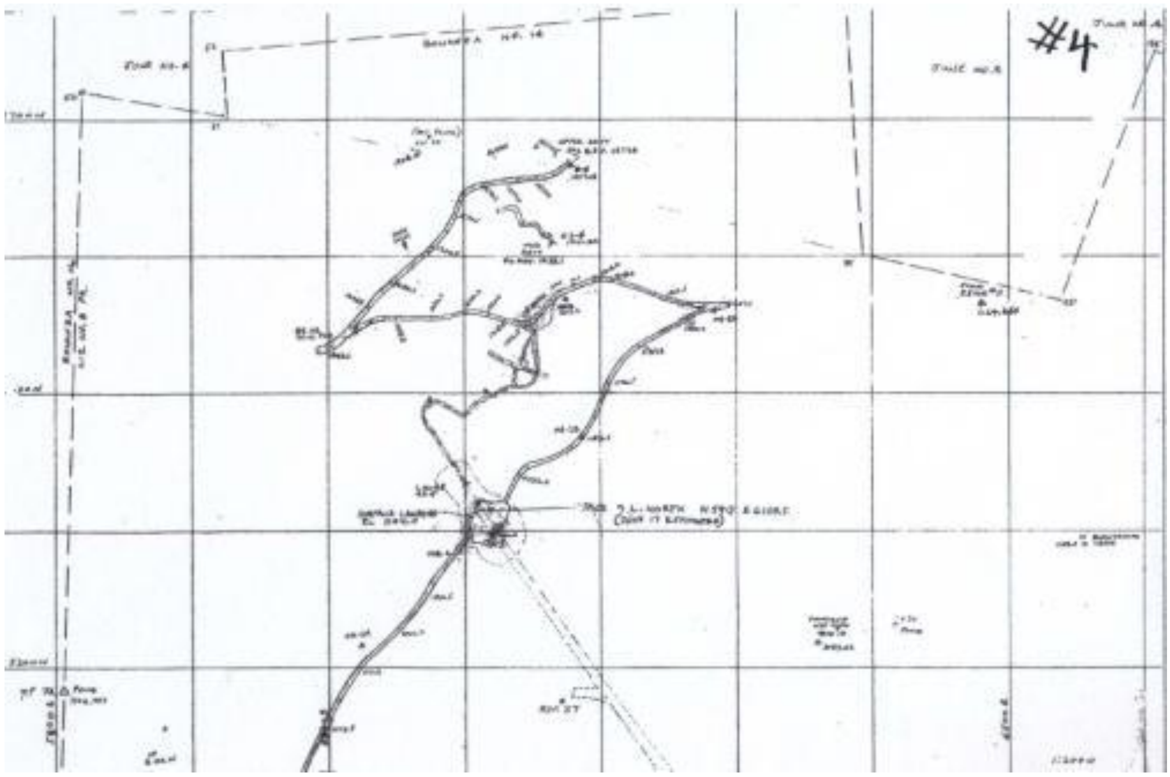
Chiang, 1973, notes that there are several quartz-siderite veins exposed between the lower and middle adits. The veins range in width from less than 0.1 m to 1.2 m, and are dominated by quartz with lesser siderite, with minor pyrite, pyrrhotite, galena, and chalcopyrite. Drillhole BR-112 failed to intercept the vein while BR-113 was far to the south of the veins. Chiang estimates that the veins are 300 m long, average 0.6 m wide, and grade 0.4% Cu. He concludes that there is no significant economic value in the prospect.

In 2012 MMTS visited the Old Abe portals in an attempt to observe the mineralization. Since the work by Chiang in 1972 the area has been extensively covered by the slumping of cover material and all three portals are inaccessible. Prospecting below the middle adit produced three grab samples that show the presence of mineralization (Table 23.2).

Table 23.2 Old Abe Grab Samples, 2012

Sample	Type	Sample Weight	Au (ppb)	Cu (%)	Ag (g/t)
4368	Rock	5.25	251	0.114	19
4369	Rock	2.71	33	0.025	28
4370	Rock	1.85	346	1.064	12

Figure 23.1 Old Abe Survey Map



The survey map shows the location of the three adits at Old Abe, with the lower adit directly above the 9 Level workings of the Bul River mine, as surveyed in August 1999. The map (Figure 23.2) shows the geology around the three adits at Old Abe (Chiang, 1973). Photos of the upper and middle adit are shown in Figure 23.3 and Figure 23.4). Drillhole, BR-113 is in the extreme southwest, while BR-112 is due west of the middle adit. The trace of the vein is shown to be nearly north/south. MMTS samples were collected along the road below the middle adit.

Figure 23.2 Old Abe Geology Map

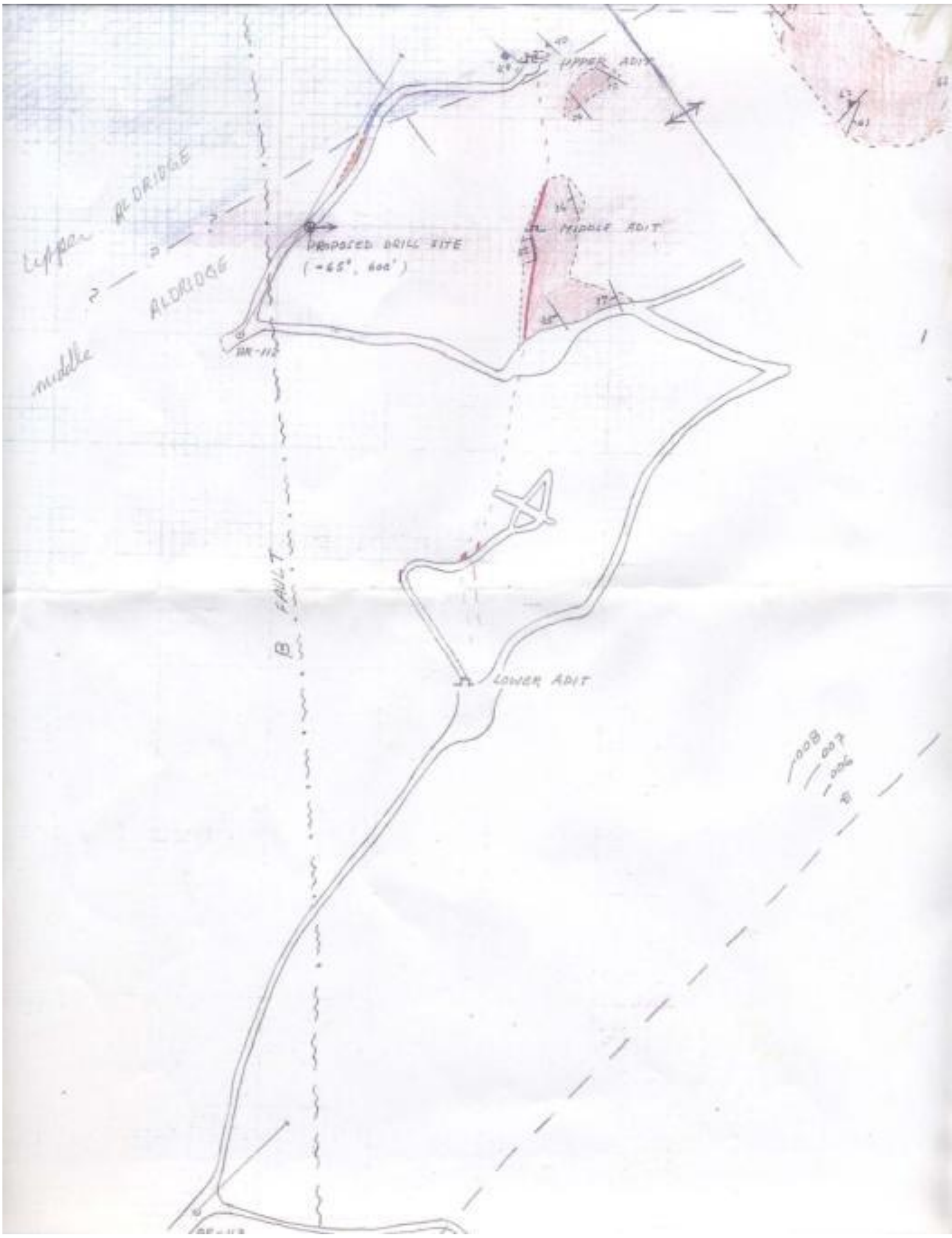


Figure 23.3 The upper portal at Old Abe

Figure 23.4 The middle portal at Old Abe

23.2 Copper King

The Copper King occurrence is located approximately 1,300 m east of the GBRM portal. The workings comprise two adits, the lower of which is no longer accessible. The upper adit is approximately 80 m in length and was excavated along a 30 m wide east trending diorite dyke. At approximately 15 m along the west-bearing adit, a 20 m long shaft was driven to surface (ten metres) and sunk ten metres below the level. A second shaft was sunk 15 m near the western extent of the adit and several small crosscuts were driven off the access. The adit terminated with a 30cm vein exposed that was mineralized with pyrrhotite and minor chalcopyrite and arsenopyrite (Mosher, 2003).

In 1979, 3,920 m of core (diameter unknown) was drilled by Bul River at Copper King (Morton, 2001a). No results were available to MMTS.

Jenks, 1972, reports that some 244 m of underground tunneling was completed between 1924 and 1926. The mineralization is associated with three east/west trending diorite dykes that dip between 70° north to vertical. The individual dykes range from 24 m to 43 m wide for an aggregate width of approximately 91 m. Jenks suggests that the dykes occupy an east/west fault system. In contact, the sediments up to 6 m of light green to buff coloured clay alteration. The diorite has up to a 5% pyrite content. The quartz-siderite veins occur within and along the margins of the dykes.

Chiang, 1973, reports that the vein at Copper King is exposed in an adit for 80 m and has a width of 0.3 – 0.6 m and a copper grade of 1.2%. The vein consists of 55% quartz, 25% siderite, 15% rock fragments, 2% galena, 2% pyrite, and less than 1% chalcopyrite. There are a few off-shoot veins containing mainly quartz and siderite with trace galena and chalcopyrite. The main vein has the same orientation as the diorite dyke which is almost vertical and strikes east/west.

In 2012 MMTS visited the Copper King prospect and collected three rock samples (Table 23.3) The samples indicate copper, silver, and gold values above background.

Table 23.3 Copper King – rock chip sample results

Sample	Type	Sample Description	Sample Weight (kg)	Au (ppb)	Cu (%)	Ag (g/t)
4365	Rock	Grabs from 3 m of vein length, 0.35 m vein width	0.86	351	1.957	26
4366	Rock	Channel across 0.65 m vein	2.48	477	0.851	22
4367	Rock	Grabs from 2 m of vein length	4.56	250	0.974	37

The survey map (Figure 23.5) shows the location of the main adit at Copper King. The entry is at the east end of the map and the various shafts to the west of the entry, as surveyed in August 1999. MMTS sample 4365 was collected near station 4, sample 4366 was from 2 m west of station 6, and sample 4367 was from near station 8. Photos of the adits are shown in Figure 23.7 and Figure 23.8.

Figure 23.5 Copper King survey map

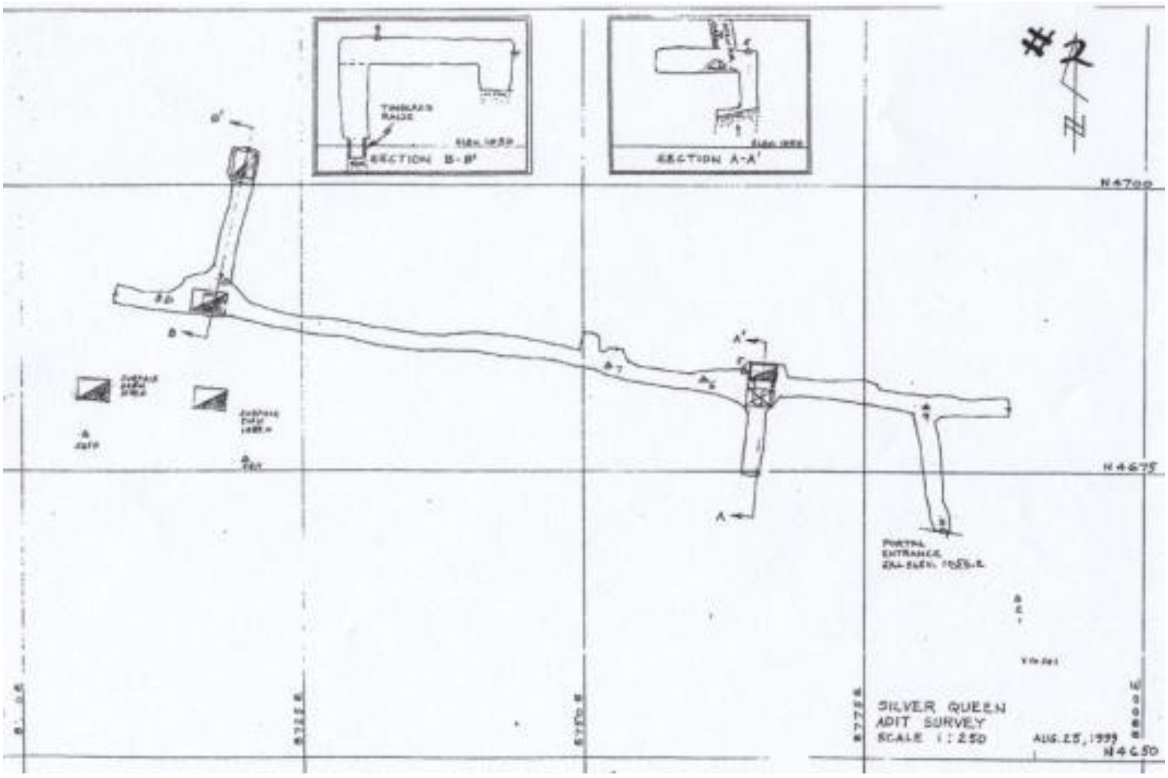


Figure 23.6 Copper King Geology Map

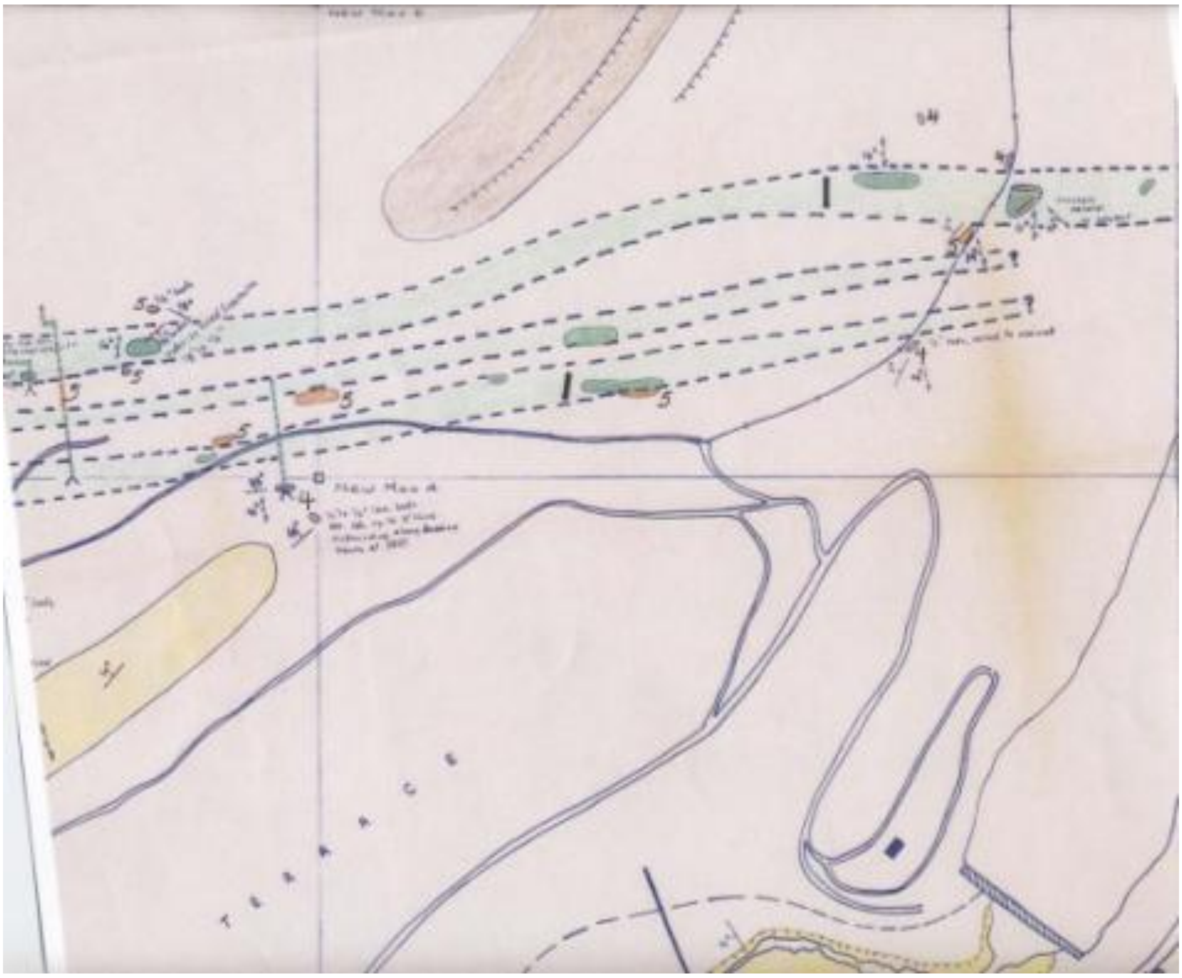


Figure 23.7 The main portal at Copper King

Figure 23.8 Vein in Copper King adit

23.3 Trilby

Located three kilometres east of the GBRM portal, the Trilby showing is located on the east side of the Bull River and hosts four short adits up to 50 m long. Mineralization consists of galena, pyrite, and chalcopyrite as blebs and pods with Moyie diorite dykes that crosscut Aldridge Formation shales and argillites. The east striking, vertically dipping dykes are parallel and host sulphides pods up to 38 cm wide (BC MINEFILE).

Field traverses were done over an area of anomalous magnetic susceptibility on these prospects. Grab and composite samples were taken from outcrop subjected to whole rock analysis and petrographic study. Bul River reported that samples of altered diorite from Copper King showed anomalous gold values and elevated Fe_2O_3, as defined by whole rock analysis, and was the likely cause of the magnetic anomaly. The Trilby traverse also yielded samples with elevated Fe_2O_3 and petrographic analysis indicated the presence of titanium and iron in rocks adjacent to the Trilby showings (de Souza, 1999).

23.4 G Zone

Located along Sand Creek Range, anomalous lead and silver occurrences were reported from surface showings and from an adit that mined into the G-Zone vein. Small raises driven from the adit were reported to have also intersected the vein that strikes northeast and varies in dip from vertical to 74° to the southeast (Mosher, 2003).

The G-Zone is hosted within a mid-Proterozoic cross fault that cuts Middle to Lower Aldridge argillite. The fault that hosts the G-Zone is one of many north-northeast- to east-northeast-trending, 70° east dipping cross faults that cut the locally flat-lying sediments. Some of these structures host high-grade silver-lead-zinc vein mineralization.

In 1997 and 1998, 335 m of adit rehabilitation was done and underground drilling (depth and diameter unknown) was conducted by Bul River (Morton, 2001a). The results of this work are unknown.

A drill program comprising four surface holes totalling, approximately 1,200 m is proposed for 2012 by Bul River and is discussed in more detail below.

23.5 Empire Strathcona

The Empire Strathcona adits lie southeast of GBRM near the town of Galloway, British Columbia. Mineralized quartz-siderite-calcite vein systems occur within shear zones that have been traced along strike for approximately 1,000 m. Mineralization consists of stringers and blebs of chalcopyrite occurring with minor pyrite and pyrrhotite up to two metres in thickness. The sediments dip approximately 45° to the northeast and the veins dip from vertical to 50° degrees to the southwest (BC MINFILE).

Four adits have been excavated. The first drifted approximately 40 m along the mineralized structure and a short crosscut exposes the footwall. 50 m below the collar of the adit, an open cut exposes the 1.8 m wide vein. The second adit, located approximately 40 m in elevation below the open cut, is no longer accessible due to ground failure. The mineralized vein, however, is exposed in an open pit and measures 1.4 m wide. Another adit lies approximately 30 m below the second and is also impassible due to ground failure. The fourth adit, which is approximately 150 m in elevation below the first, was driven approximately 70 m where it intersected the three metre wide vein. A six metre drift was driven north where an 11 m winze was sunk on the mineralized structure. A second drift, driven to the southeast approximately 12 m, leads to a small stope that mined the vein (Morton, 2001a).

23.6 Feldspar Deposit

The Feldspar deposit, located approximately five kilometres west of GBRM, is a feldspar porphyry intrusive measuring approximately 2,800 m by 800 m that has been identified by airborne (DIGHEM) geophysics.

In 1987, while testing the extent of the GBRM deposit, a vertical diamond drill hole intersected 480 m of porphyry material.

In 1992, a DIGHEM airborne geophysical program identified a large magnetic anomaly in the area (Masters, 1996). In 1994, surface mapping and two percussion drill holes were utilized to delineate the extent of the deposit. Chip samples from the drilling were taken every 0.61 m (two feet). Core samples and chip samples were composited, crushed, pulverized, and subjected to whole rock analysis. Eight core samples were submitted to Vancouver Petrographics for detailed description. The samples were found to be quartz-free, feldspar-rich intrusive rocks made up of euhedral phenocrysts of andesine in relatively coarse, granular/interlocking groundmass of feldspar and accessory hornblende and/or pyroxene. No nepheline or other feldspathoids were recognized. Three of the samples were classified as monzonite and five were classified as diorite. Minor disseminated magnetite and traces of pyrite were noted (Masters, 1994).

Twelve additional percussion holes were drilled in 1996 and sampled every 1.52 m. A total of 779 samples were logged for mineralogy, grain size proportion, and colour. Samples were cut and analyzed for iron content (Masters, 1997).

In 1996, additional petrographic studies were done at the Earth Mechanics Institute at the Colorado School of Mines that identified the deposit as monzonite-diorite in composition (de Souza, 1999). No criteria were given for the samples selected. Twelve percussion holes were drilled in 1996 (Anderson, 2000).

In 1997 and 1998, process testing was done in an attempt to remove the iron content (de Souza, 1999). RPA was not able to determine the outcome of these investigations.

In 1998, diamond drill holes replaced percussion holes and were concentrated on the western portion of the intrusive body. Holes were drilled using NQ (47.6 mm diameter) and BQ (36.4 mm diameter) size equipment. The core was visually classified into different alteration types and some core was tested for magnetic susceptibility using a KT-9 Kappameter (Anderson, 2000).Using visual classification and magnetic susceptibility readings, Bul River geologists were able to estimate the total iron content within specific alteration domains without waiting for chemical analysis.

23.7 Porcupine Hill

Porcupine Hill is located close to the main camp near Galloway, British Columbia. It was the target of a 1,059 m drill program in 1983. Results from this program are unknown.

23.8 Other Prospects

Mosher (2003) describes several unnamed trenches, pits, and an adit that exposes east-trending, vertically dipping quartz siderite veins up to 60cm in width that can be traced for several hundred metres. Located approximately 300 m northeast of the GBRM portal, the veining occurs within and along the contacts of the most northerly diorite dyke that crosses the GBRM property and contains locally semi-massive galena and minor chalcopyrite.

24 Other relevant data and information

There is no other relevant data and information to disclose.

25 Interpretation and conclusions

Snowden and MMTS make the following conclusions:

- The work completed by contractor MMTS has resulted in an acceptable drillhole database for use in a Mineral Resource estimate.
- The work by MMTS has followed industry standards for data and sampling QA\QC protocols.
- The drillcore logging, sampling, and security protocols were found to be acceptable and appropriate for this particular type of mineralization.
- Underground channel sampling, re-sampling of historic drill core, and bulk density measurement methodology was inspected during the site visit and found to be done to a reasonable standard and can be used for Resource Estimation.
- None of the assay results from the Munich University or AuRIC laboratories were used for either grade modelling or interpolation.
- The verified database consists of 269 diamond drillholes, 409 underground channel samples.
- In Snowden's opinion re-assaying of pulps from GBRM done my MMTS indicate reasonably good agreement and these assays are appropriate for use in a Mineral Resource estimate.

26 Recommendations

Snowden recommends GBRM begin a Preliminary Economic Assessment (PEA) of the GBRM. The work program outlined is recommended to gather the data required for a PEA.

This Technical Report is an update of the Resource Estimate reported in the RPA Technical Report dated March 30, 2012. Snowden recommends based on the comprehensive sampling, logging, and geologic interpretation and comparisons between the Resource Estimate in RPA report and the revised tonnages and grades reported in this updated Technical Report that GBRM proceed with a preliminary economic assessment. In Snowden's opinion the preliminary economic assessment is the next logical step in the development of GBRM. Snowden recommends GBRM begin work towards that end. The drilling programs outlined are proposed to gather the requisite samples and information required for a more detailed geometallurgical, geotechnical, and engineering analysis and design studies required for inclusion in a preliminary economic assessment. Upon successful completion of the preliminary economic assessment report a pre-feasibility study should be conducted.

- Bul River should continue with the improvements to the current database by organizing and compiling data following the documented procedures for re-logging and sampling un-sampled historic drillcore.
- Under the direction of Qualified Person, drill holes should be designed and drilled to provide material for metallurgical testing.
- Mineralogical test work should be conducted on selected samples to confirm and expand knowledge and understanding of the mineralization style.
- Specific Gravity measurements should continue to be taken with any additional drilling.
- A drilling program to consist of 24 diamond drillholes (4,200 m) for resource development and verification and to provide:
  - detailed information for geotechnical assessment
  - detailed geologic logging of host lithologies and structures
  - geometallurgical samples for detailed mineralogical analysis
- A drilling program to consist of 6 diamond drillholes (1,200 m) for metallurgical testing

The proposed budget for the work program outlined above is in Table 26.1.

Table 26.1 Bul River Mine Proposed Work Program Budget

Work Description	CDN$
4,200 m underground drilling (NQ) drilling at GBRM (24 holes)	300,000
2,400 m underground drilling (NQ) drilling at GBRM (six holes)	140,000
Assaying for proposed drilling programs	200,000
Detailed geologic mapping (1 geo @ 1,300/day x 30 days)	39,000
Drill program supervision (2 geo @ 800/day x 60 days)	96,000
Re-sample assaying of historic core for copper, silver and gold	250,000
G & A	77,500
Contingency (15%)	115,000
Preliminary economic assessment	250,000
Total	**1,467,500**

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28 Certificates

CERTIFICATE of QUALIFIED PERSON

(a) I, Walter Allan Dzick, Principal Consultant Applied Geosciences of Snowden Mining Industry Consultants Pty Ltd., 600-1090 West Pender St., Vancouver, British Columbia Canada, do hereby certify that:

(b) I am the co-author of the technical report titled Gallowai Bul River Technical Report and dated December 13, 2012 (the 'Technical Report') prepared for Bul River Mineral Corp. and Gallowai Metal Mining Corp.

(c) I graduated with an B.Sc. Geology New Mexico State University in 1978, MBA University of Nevada Reno 2007.

I am a CPG #11458 with membership in AIPG, AusIMM, and SME.

I have worked as a geologist continuously for a total of 30 years since my graduation from university.

I have read the definition of 'qualified person' set out in National Instrument 43-101 ('the Instrument') and certify that by reason of my education, affiliation with a professional association and past relevant work experience, I fulfil the requirements of a 'qualified person' for the purposes of the Instrument. I have been involved in mining and resource evaluation consulting practice for 12 years.

(d) I have made a current visit to the Gallowai Bul River Mine from July 27, 2012 to July 28, 2012. I am responsible for the preparation of sections 1, 2, 3, 11, 12, 14, 24, 25, 26 and 27 of the Technical Report.

(f) I am independent of Bul River Mineral Corp as defined in section 1.4 of the Instrument.

(g) I have not had prior involvement with the property that is the subject of the Technical Report.

(h) I have read the Instrument and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

(i) As of the effective date of this Technical Report, to the best of my knowledge, information and belief, the Technical Report contains all the scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

Dated at Vancouver BC this March 20, 2013.

Walter A Dzick

CERTIFICATE of QUALIFIED PERSON

I, Abolfazl Ghayemghamian, Senior Consultant of Snowden Mining Industry Consultants Pty Ltd., 600 - 1090 West Pender St., Vancouver, British Columbia, Canada, do hereby certify that:

I am a graduate of the Tehran University with a BSc. in Mining Exploration Engineering in 1992. I obtained a MSc. in Mining Exploration Engineering from Tehran Polytechnic in 1995. I have practiced my profession continuously since 1993. From 1993 to 1995, I conducted regional exploration in Iran, from 1995 to 2001, I conduced mineral resource estimation on a variety of base and precious metals deposits of hydrothermal, sedimentary, and magmatic origins. From

2001 to 2004, I was a Senior Exploration Geologist responsible for the resource estimation and exploration projects for base and precious metals in different part of Iran. In 2004, I immigrated to Canada and worked as resource estimation geologist on precious and base metal on epithermal, Archean gold deposit in Canada, and Russia. Since 2006, I am a Senior Resource Geologist and authored and co-authored several independent technical reports on several base and precious metals exploration and mining projects in Canada, Peru, Turkey, USA and Mexico;

I am a professional geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia (License# 31585).

I certify that by virtue of my education, affiliation to a professional association and past relevant work experience, that I fulfill the requirements of a “qualified person” for reviewing this report as defined by and for the purposes of National Instrument 43-101.

I have not personally inspected the subject property and surrounding areas.

I reviewed section 14 of the Technical Report.

I am, as a “qualified person”, independent of the issuer as described in Section 1.5 of National Instrument 43-101;

I have not received, nor do I expect to receive, any interest, directly or indirectly, in the Bul River Mineral Corp Property or the securities of Bul River Mineral Corp.

Dated at Vancouver, British Columbia this 20th day of March, 2013.

Abolfazl Ghayemghamian, P.Geo

Senior Resource Geologist

CERTIFICATE & DATE – ROBERT J. MORRIS

I, Robert J. Morris, M.Sc., P.Geo, of 9053 Hwy 3W, Fernie B.C., V0B 1M1, do hereby certify that:

1. I am a Principal Geologist with Moose Mountain Technical Services.
2. I graduated with a Bachelor of Science degree in geology from the University of B.C. in 1973 and a Master of Science degree in geology from Queen's University in 1978.
3. I am a member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta. (#75480), and Geoscientists of British Columbia (#18301).
4. I have worked as a Geologist for 39 years since my graduation from university. My experience in gold-copper exploration and mining includes work on Galore Creek, Kemess North, Huckleberry, QB in Chile, and Petaquilla in Panama.
5. I have read the definition of "qualified person" set out in National Instrument 43-101 ("NI 43-101") and certify that by reason of my education, affiliation with a professional associations (as defined in NI 43-101) and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
6. I have prepared and am responsible for sections 4, 5, 6, 7, 8, 9, 10, 13 and 23 of the Technical Report titled "Gallowai-Bul River Technical Report" with the effective date of 13 December 2013.
7. I made a personal inspection of the property on multiple days of the summer of 2012.
8. I have prior involvement with the property as a QP for the report " TECHNICAL REPORT ON THE GALLOWAI BUL RIVER MINENEAR CRANBROOK, BRITISH COLUMBIA, CANADA" by RPA dated 30 March 2012.
9. To the best of my knowledge, information and belief at the effective date, the Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.
10. I am independent of the issuer, as specified in Section 1.5 of NI 43-101.
11. I have read NI 43-101, and the Technical Report has been prepared in compliance with that instrument.

Dated this 20th day of March 2013.

"Signed and sealed"

Signature of Qualified Person

Robert J. Morris, M.Sc., P.Geo.

Print Name of Qualified Person

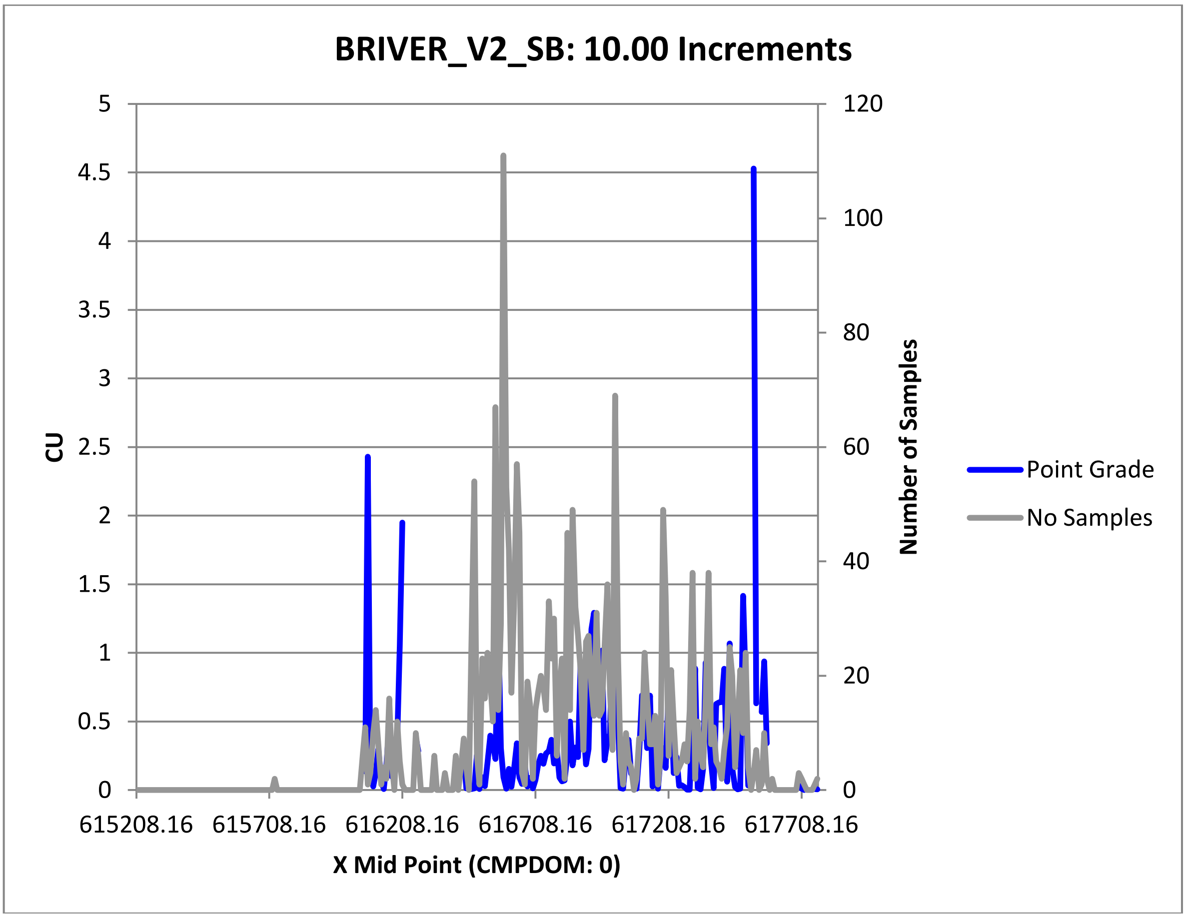
Appendix A GALLOWAI BUL RIVER MINE LAND TENURE AND OTHER LAND TENURES IN THE STANFIELD HOLDINGS

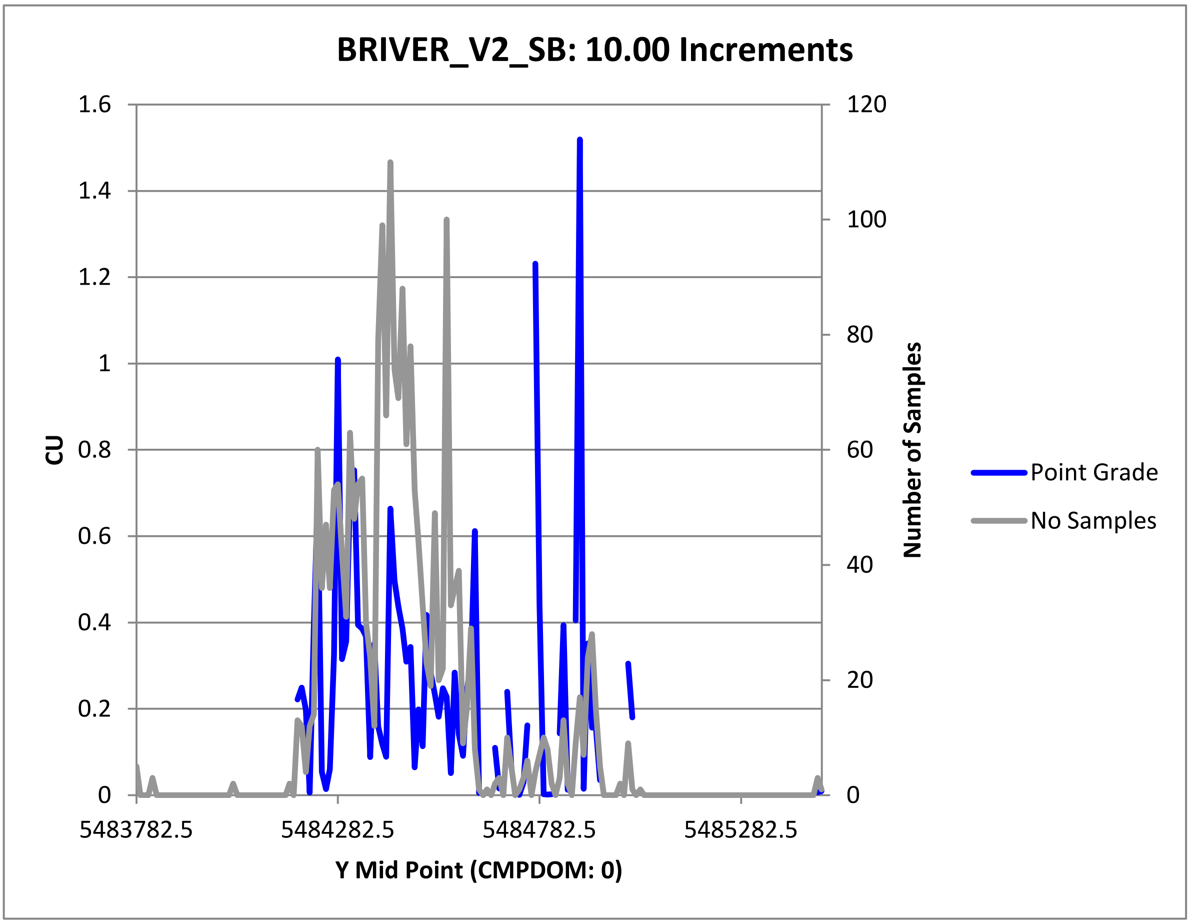
Tenure								
Tenure Number	Claim Name	Owner	Tenure Type	Sub Type	Map Number	Issue Date	Expiry Date	Area (ha)
212493		252011 (100%)	Mineral	Lease	082G043	21-Feb-72	21-Feb-13	486.03
515055		252011 (100%)	Mineral	Claim	082G	23-Jun-05	20-Oct-13	1028.13
515057		252011 (100%)	Mineral	Claim	082G	23-Jun-05	09-Nov-12	1238.01
515066	MINE SITE	252011 (100%)	Mineral	Claim	082G	23-Jun-05	23-Jun-15	251.78

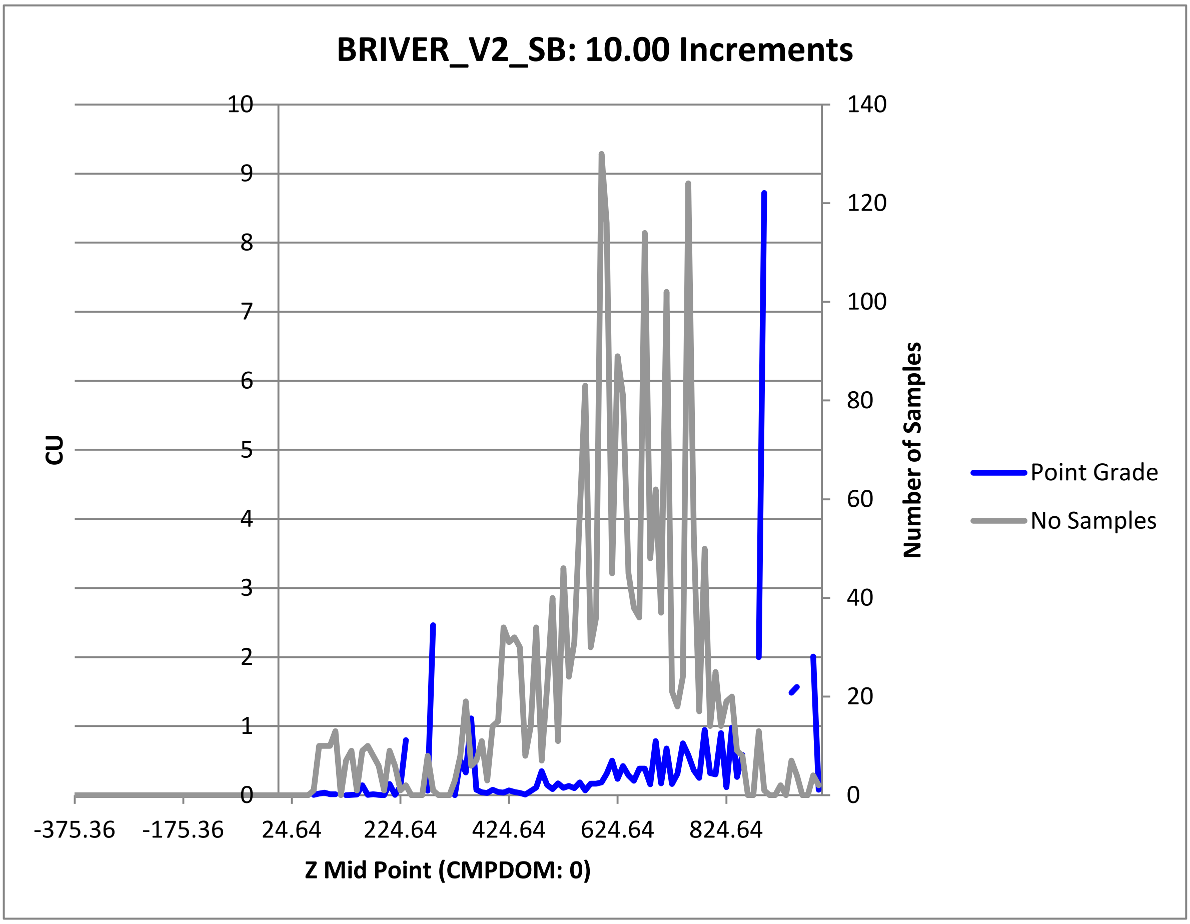
Tenure							
Tenure Number	Owner	Tenure Type	Sub Type	Map Number	Issue Date	Expiry Date	Area (ha)
212492	252011 (100%)	Mineral	Lease	082G054	1971/nov/23	2012/nov/23	14.4
515058	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/aug/04	881.53
515071	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	419.61
515072	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	503.37
515073	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	629.46
515074	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/dec/22	475.23
515075	520111 (100%)	Mineral	Claim	082G	2005/jun/23	2012/apr/18	524.51
515077	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/aug/04	629.61
515080	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/apr/18	587.23
515081	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/apr/18	587.04
515082	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/apr/18	628.75
515083	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/dec/22	659.14
515085	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	524.15
515086	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/apr/18	502.8
515087	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/jun/04	586.87
515088	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/may/16	419
515089	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	503.01
515090	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	419.16
515091	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	502.82
515092	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	419.01
515093	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/jun/23	335.49
515094	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/jun/23	251.69
515105	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/nov/09	503.3
515108	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/dec/22	628.88
515112	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	502.9
515113	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/nov/09	419.39
515115	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	524.03
515119	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	419.05
515122	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	502.68
515132	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/nov/09	629.33
515137	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2012/dec/22	503.26
515140	252011 (100%)	Mineral	Claim	082G	2005/jun/23	2013/dec/22	628.83
515164	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/28	524.65
515166	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	545.86
515167	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	735.08
515168	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	588.29
515170	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	524.87
515171	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.06
515172	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.2
515174	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	504.43
515175	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	504.62
515176	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	609.94
515177	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	736.42
515178	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	419.88
515179	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	525.04
515180	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	420.19
515181	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.37
515182	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.54
515183	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	525.87
515184	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.85
515185	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	502.86
515186	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	502.68
515187	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/nov/09	524.43
515188	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/28	629.58
515189	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	419.39
515190	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	524.03
515191	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	419.07
515192	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2013/dec/22	418.92
515198	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	503.85
515200	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	630.05
515201	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	504.23
515203	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	504.43
515204	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.53
515205	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	505.19
515206	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	505.32
515207	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	631.86
515208	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	525.86
515210	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.85
515212	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	420.99
515214	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	421.1
515215	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	526.56
515217	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	631.9
515219	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	505.33
515220	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	631.43
515221	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/apr/18	504.95
515223	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jun/17	504.78
515224	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/24	609.72
515225	252011 (100%)	Mineral	Claim	082G	2005/jun/24	2012/jul/05	420.31
515320	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.16
515324	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	525
515327	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	419.85

Tenure Number	Owner	Tenure Type	Sub Type	Map Number	Issue Date	Expiry Date	Area (ha)
515328	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	419.7
515337	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	526.58
515340	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	421.1
515341	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	526.17
515344	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	420.78
515345	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.64
515347	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	525.6
515348	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.31
515349	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.16
515350	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	525.01
515351	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	419.85
515352	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	419.7
515355	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	615.67
515356	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	632.54
515357	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	505.86
515359	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	505.69
515360	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	526.56
515361	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	421.09
515362	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2013/sep/30	526.18
515363	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/aug/11	420.78
515364	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.64
515365	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	525.61
515366	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.31
515369	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	420.17
515370	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	525.01
515371	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	419.85
515372	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2013/jul/07	419.71
515373	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2013/jul/11	503.65
515378	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	503.82
515399	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/apr/18	505.85
515400	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	630.01
515401	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/07	504.2
515402	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	630.5
515403	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jun/17	504.61
515404	252011 (100%)	Mineral	Claim	082G	2005/jun/27	2012/jul/20	504.78
515462	252011 (100%)	Mineral	Claim	082G	2005/jun/28	2012/jul/13	504.94
515465	252011 (100%)	Mineral	Claim	082G	2005/jun/28	2012/aug/09	631.42
515469	252011 (100%)	Mineral	Claim	082G	2005/jun/28	2012/apr/18	421.4
515562	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/aug/09	505.31
515572	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/apr/18	526.55
515574	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/oct/05	505.68
515576	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/aug/11	505.51
515577	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/aug/02	547.44
515579	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2013/jul/29	420.96
515580	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/jun/14	525.47
515581	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/jul/16	420.55
515582	252011 (100%)	Mineral	Claim	082G	2005/jun/29	2012/jul/28	420.69
515674	252011 (100%)	Mineral	Claim	082G	2005/jun/30	2012/jul/28	420.82
515798	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/jul/05	630.57
515799	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/jul/16	504.66
515800	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/jul/28	504.82
515801	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/jul/28	504.99
515802	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/jul/23	505.16
515803	252011 (100%)	Mineral	Claim	082G	2005/jul/01	2012/aug/02	631.66

Appendix B Model Validation Slice Plots


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 0)
Point Grade
No Samples
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
120
100
80
60
40
20
0
615208.16
615708.16
616208.16
616708.16
617208.16
617708.16


BRIVER_V2_SB: 10.00 Increments
CU
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
120
100
80
60
40
20
0
Number of Samples
5483782.5
5484282.5
5484782.5
5485282.5
Y Mid Point (CMPDOM: 0)
Point Grade
No Samples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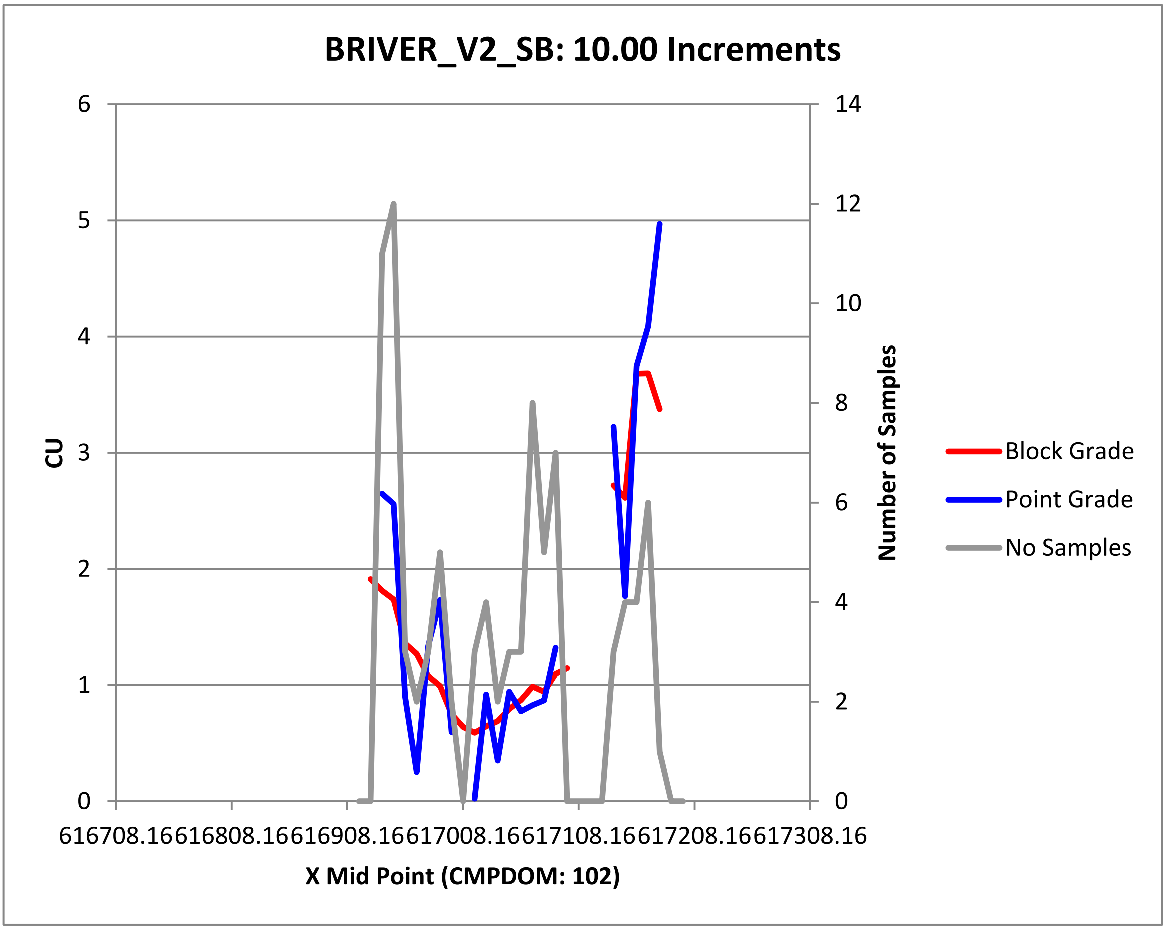
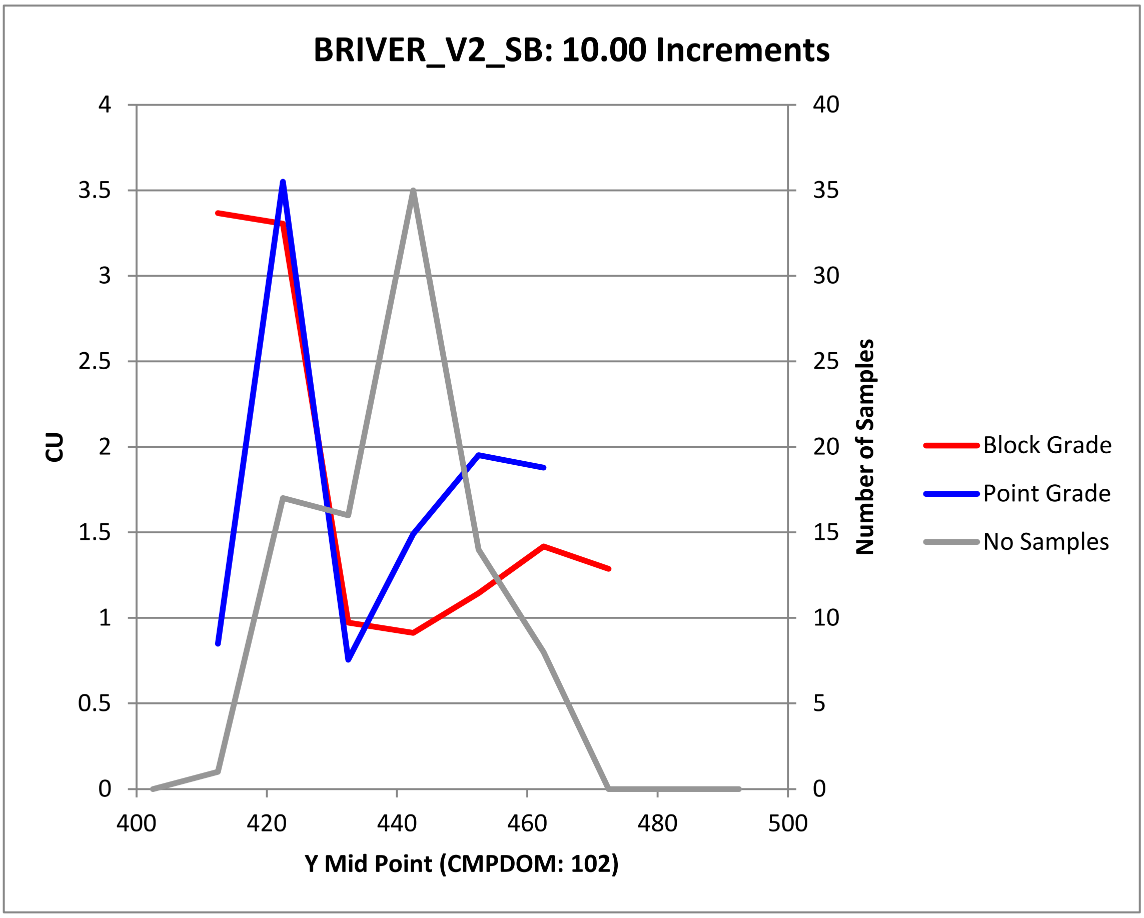
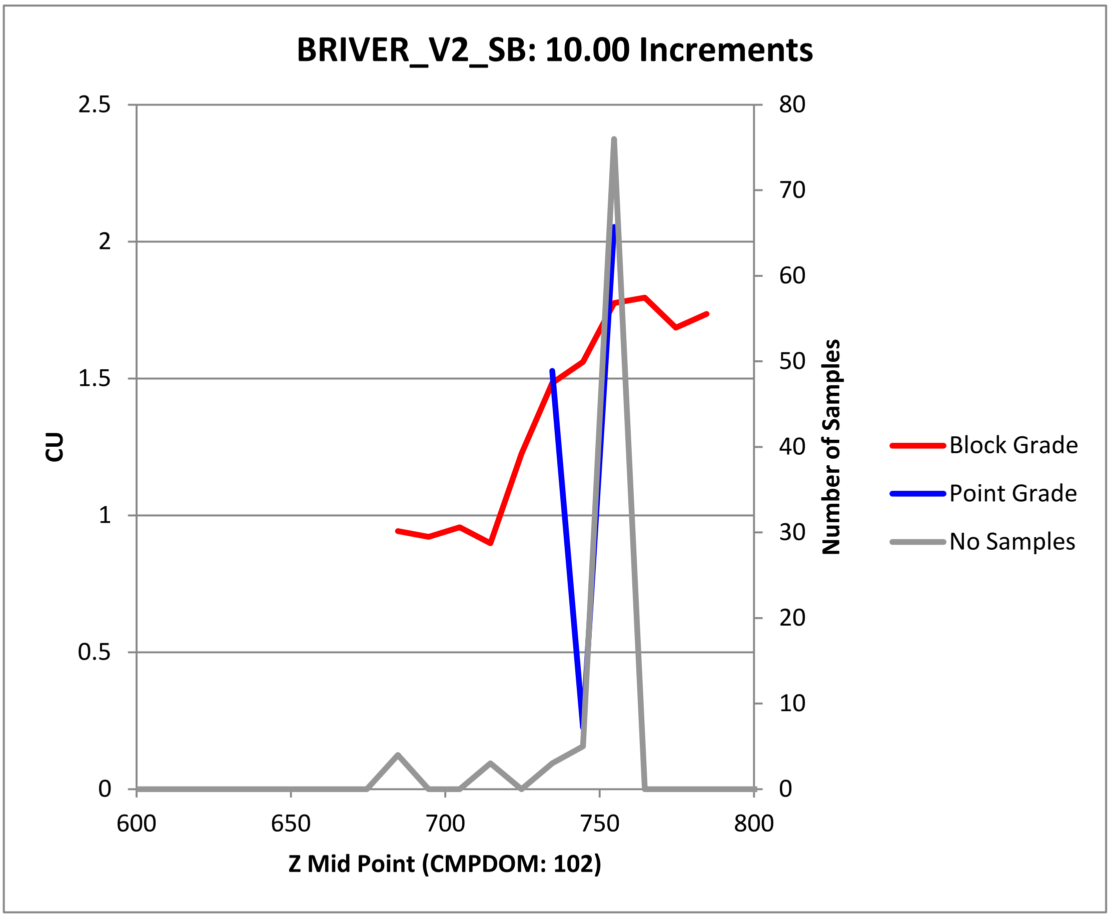
CU
10
9
8
7
6
5
4
3
2
1
0
140
120
100
80
60
40
20
0
Number of Samples
-375.36
-175.36
24.64
224.64
424.64
624.64
824.64
Z Mid Point (CMPDOM: 0)
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
0
1
2
3
4
5
6
Number of Samples
0
2
4
6
8
10
12
14
616708.16616808.16616908.16617008.16617108.16617208.16617308.16
X Mid Point (CMPDOM: 102)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Y Mid Point (CMPDOM: 102)
Block Grade
Point Grade
No Samples
0
0.5
1
1.5
2
2.5
3
3.5
4
0
5
10
15
20
25
30
35
40
400
420
440
460
480
500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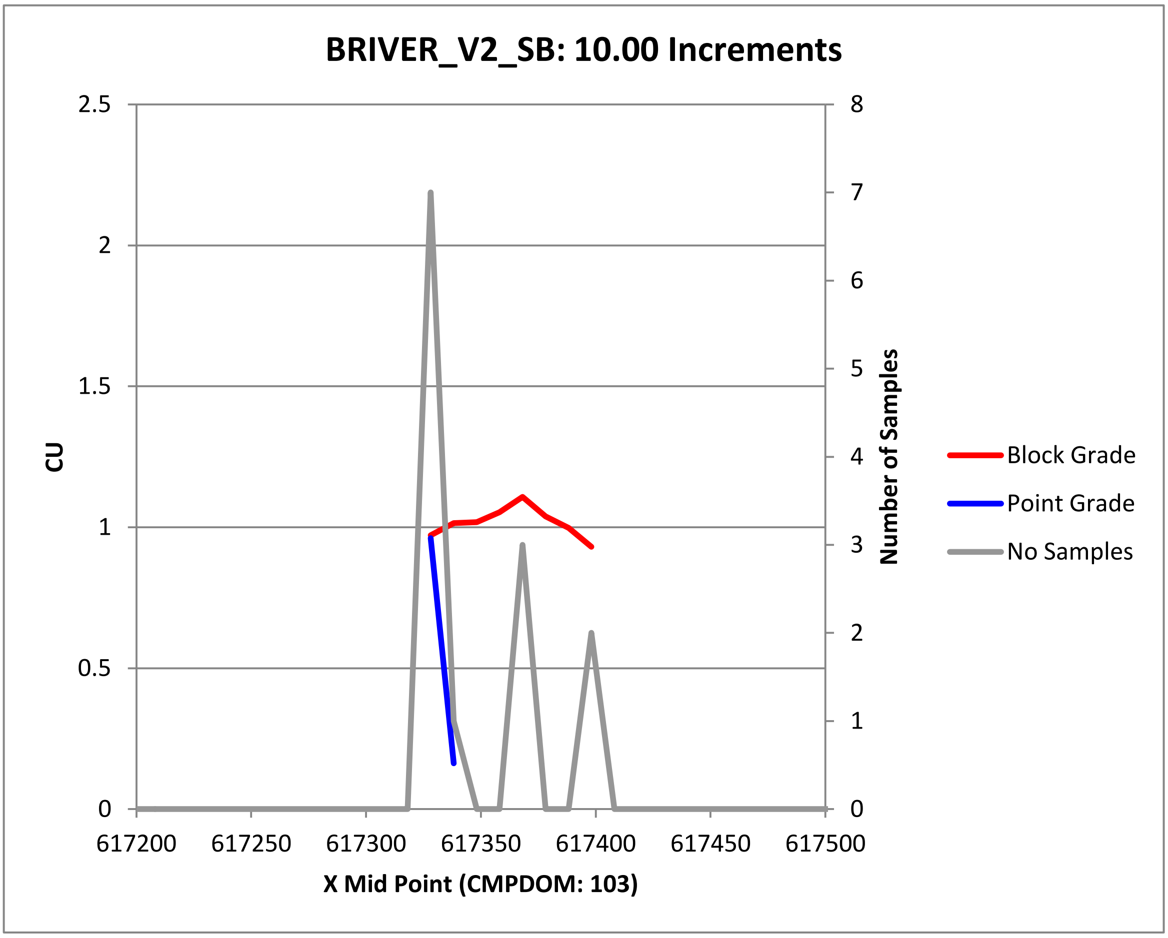
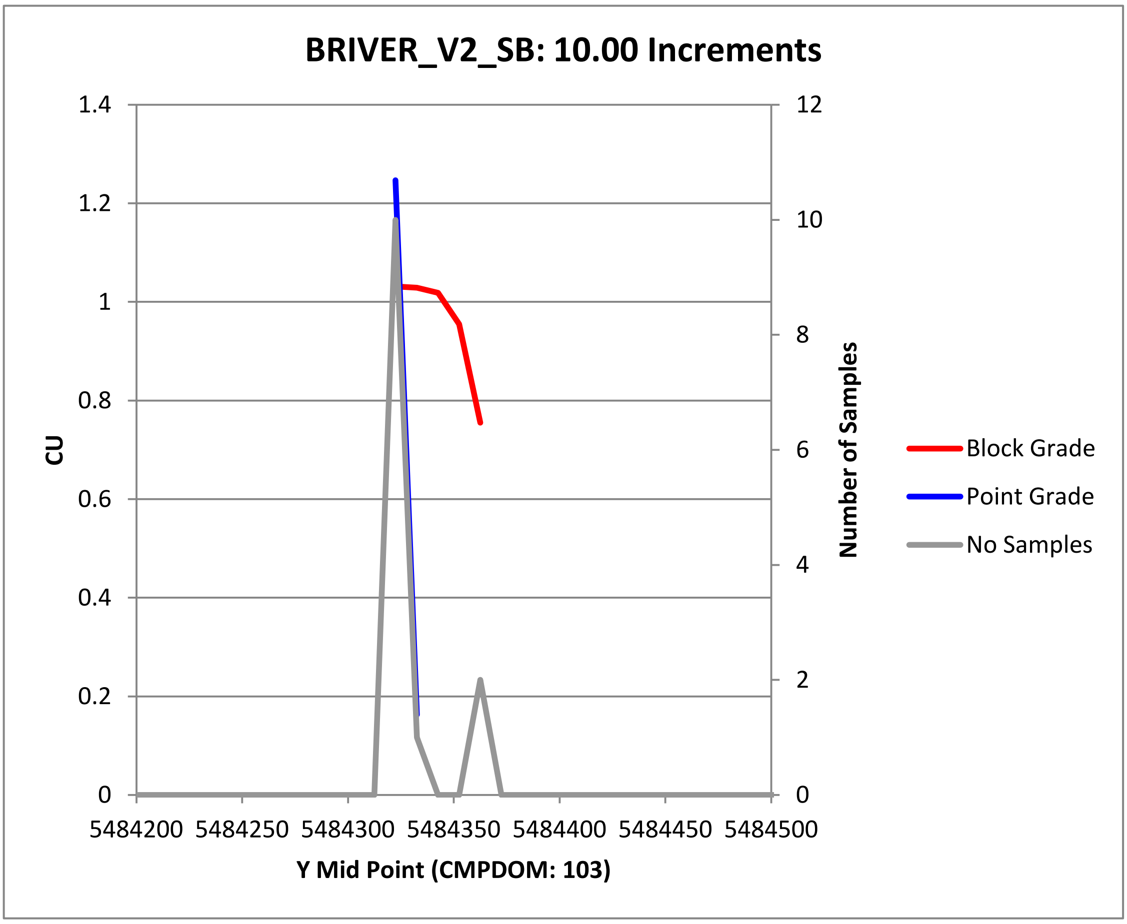
2.5
2
1.5
1
0.5
0
CU
80
70
60
50
40
30
20
10
0
Number of Samples
600
650
700
750
800
Z Mid Point (CMPDOM: 102)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
2.5
2
1.5
1
0.5
0
8
7
6
5
4
3
2
1
0
Number of Samples
617200
617250
617300
617350
617400
617450
617500
X Mid Point (CMPDOM: 103)
Block Grade
Point Grade
No Samples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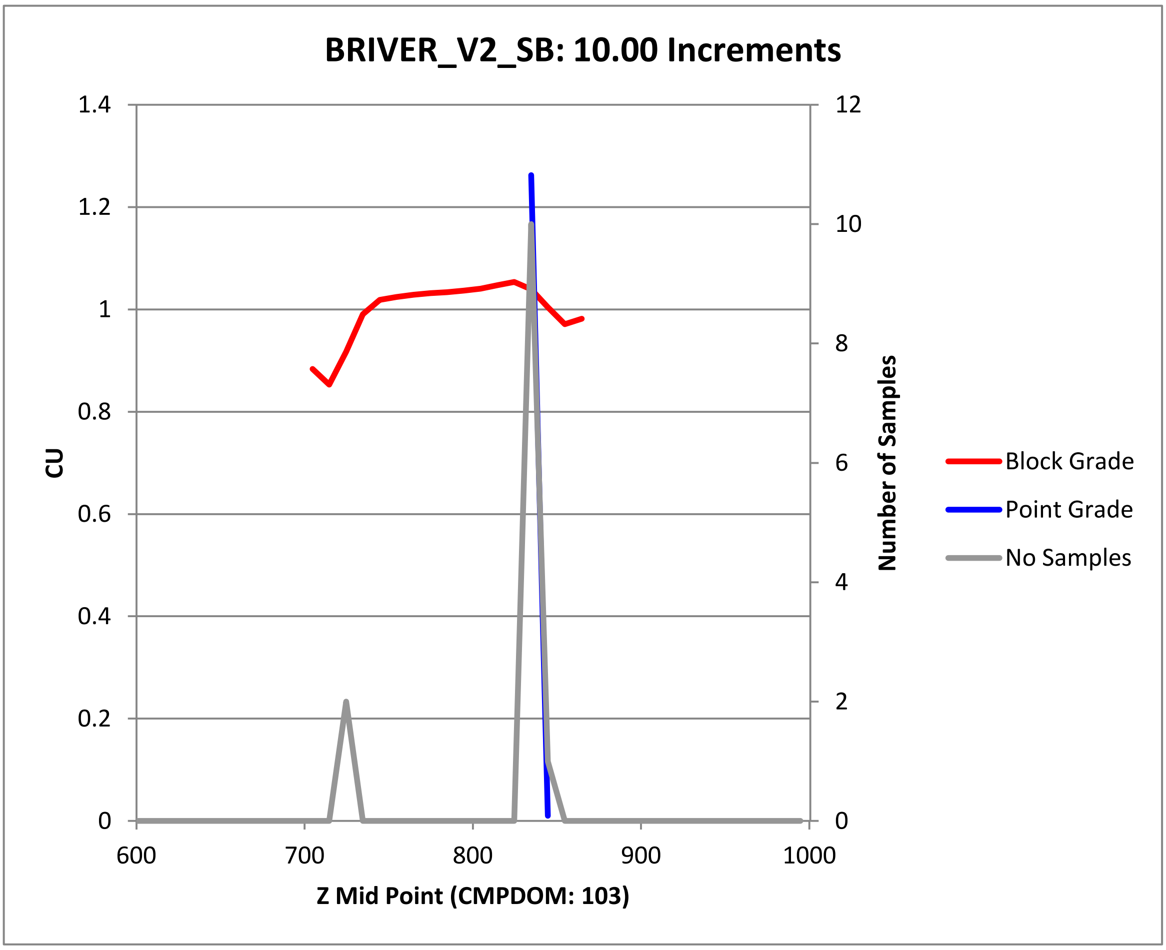
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Number of Samples
12
10
8
6
4
2
0
5484200
5484250
5484300
5484350
5484400
5484450
5484500
Y Mid Point (CMPDOM: 103)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Z Mid Point (CMPDOM: 103)
Block Grade
Point Grade
No Samples
1.4
1.2
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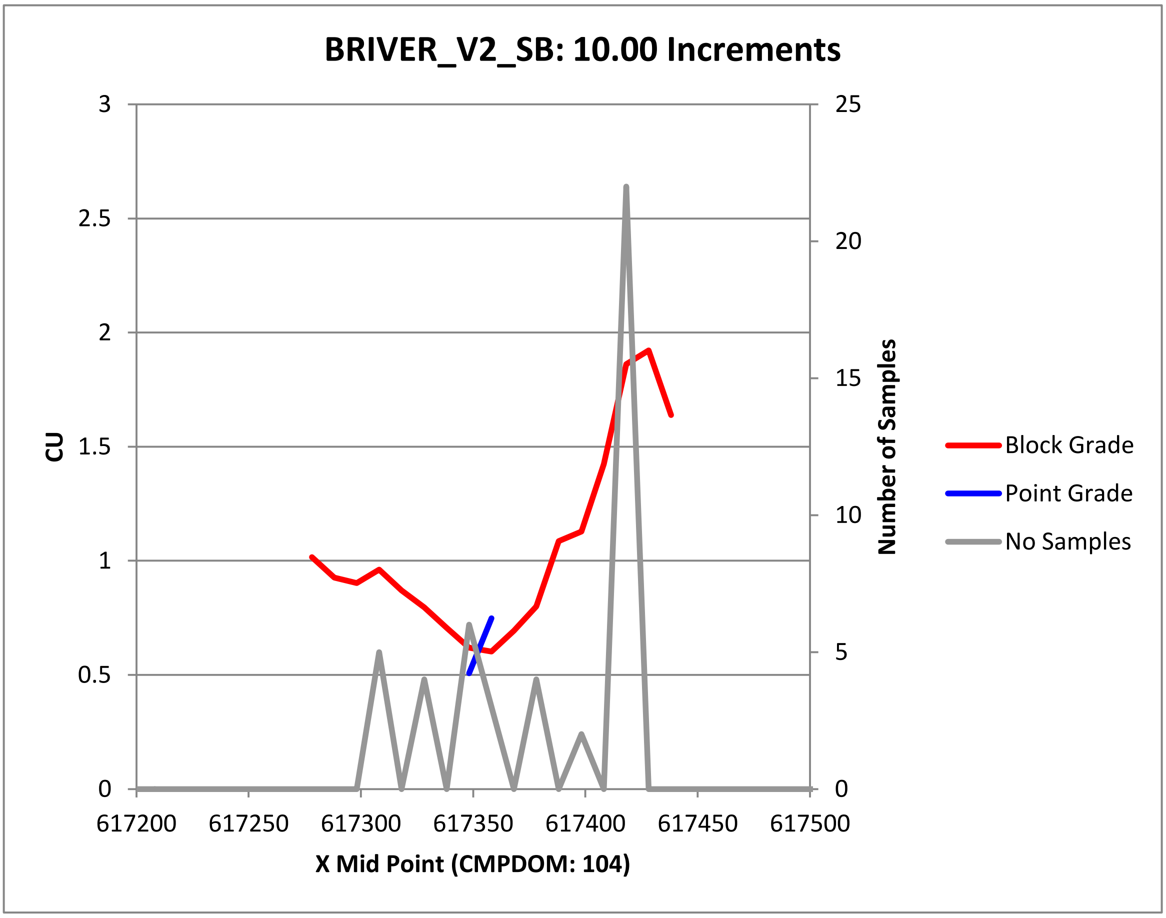
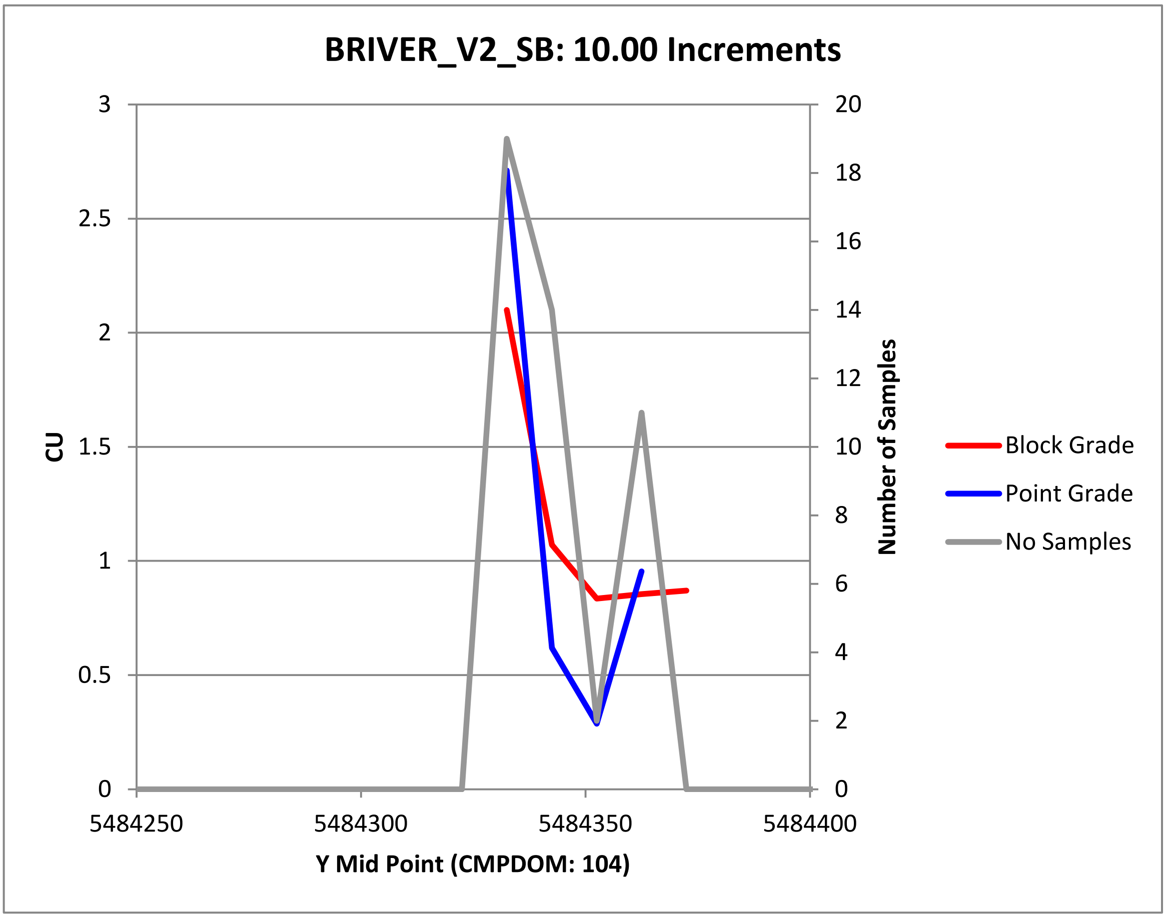
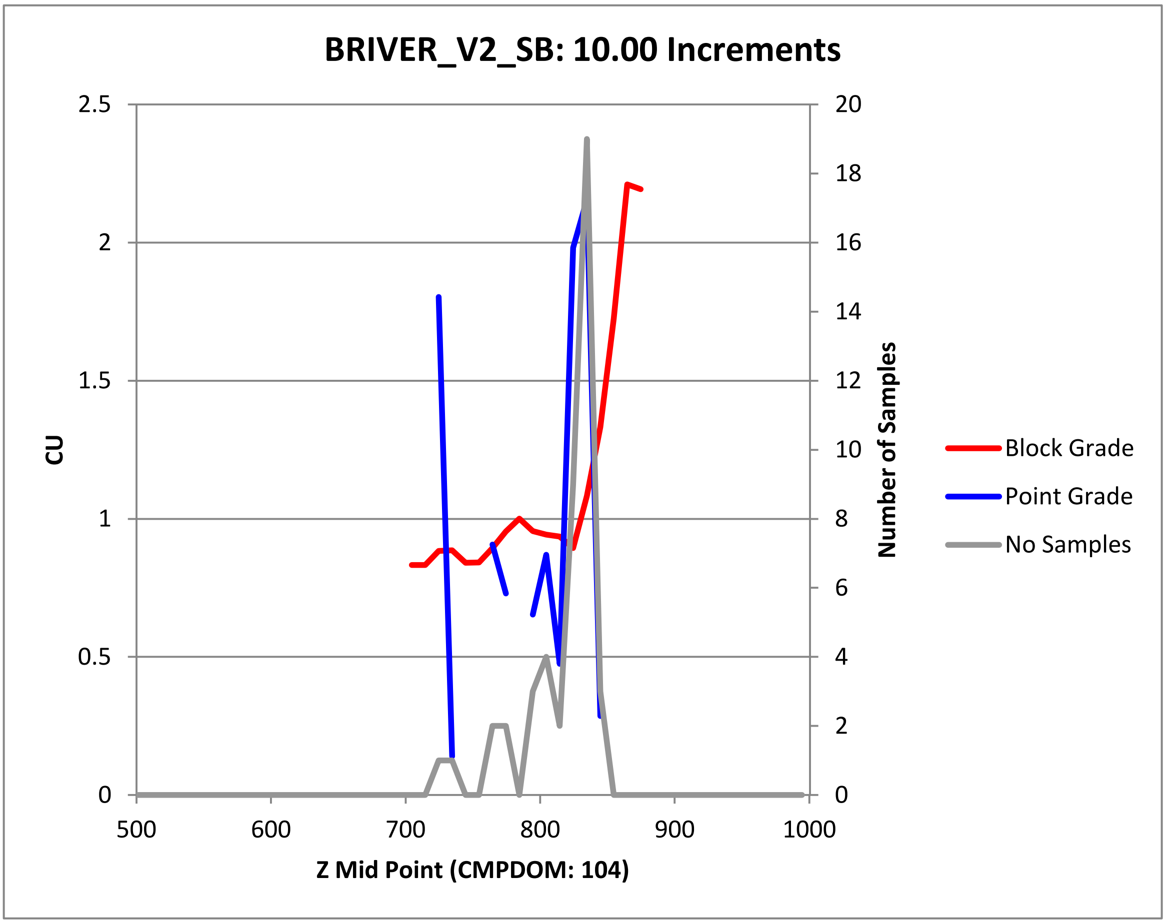
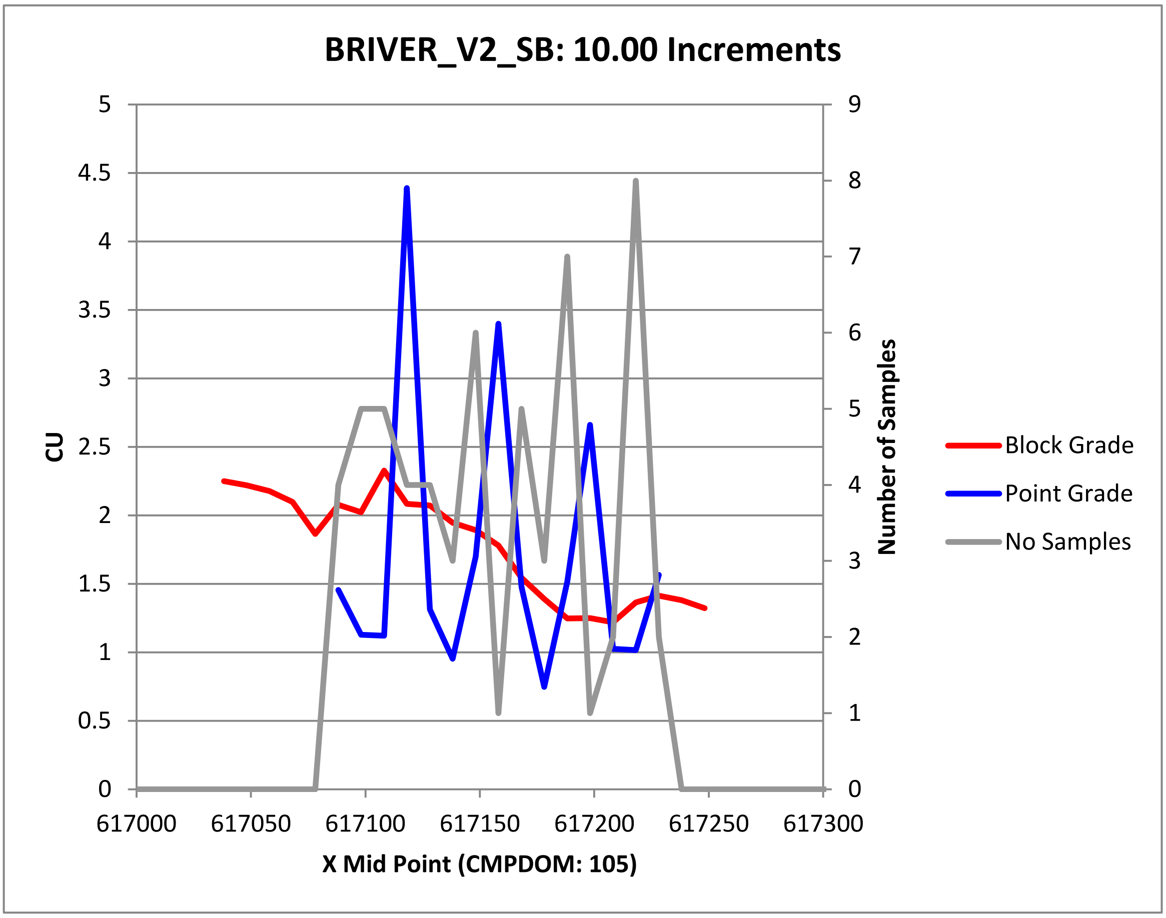
0.8
0.6
0.4
0.2
0
12
10
8
6
4
2
0
600
700
800
900
1000


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 104)
Block Grade
Point Grade
No Samples
3
2.5
2
1.5
1
0.5
0
25
20
15
10
5
0
617200
617250
617300
617350
617400
617450
617500


BRIVER_V2_SB: 10.00 Increments
3
2.5
2
1.5
1
0.5
0
CU
20
18
16
14
12
10
8
6
4
2
0
Number of Samples
5484250
5484300
5484350
5484400
Y Mid Point (CMPDOM: 104)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
2.5
2
1.5
1
0.5
0
Number of Samples
20
18
16
14
12
10
8
6
4
2
0
500
600
700
800
900
1000
Z Mid Point (CMPDOM: 104)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 105)
Block Grade
Point Grade
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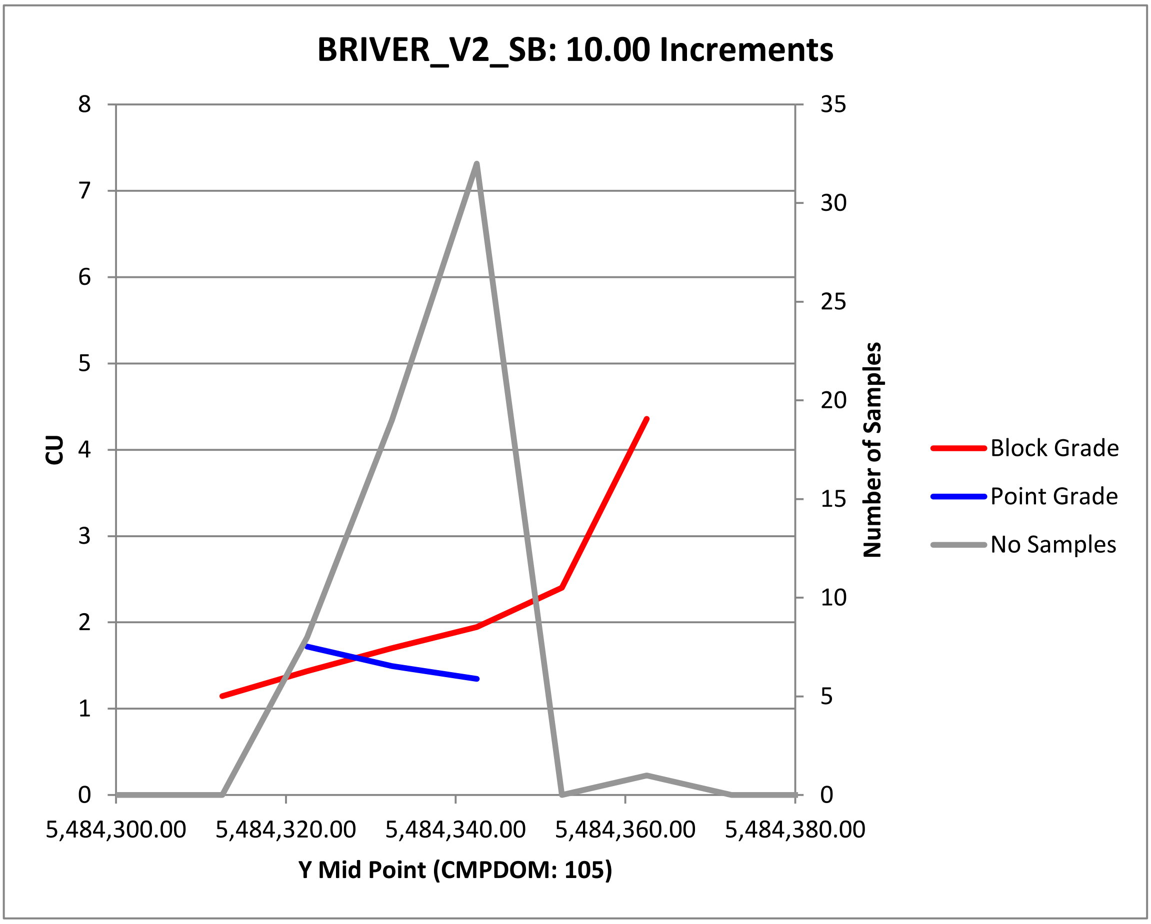
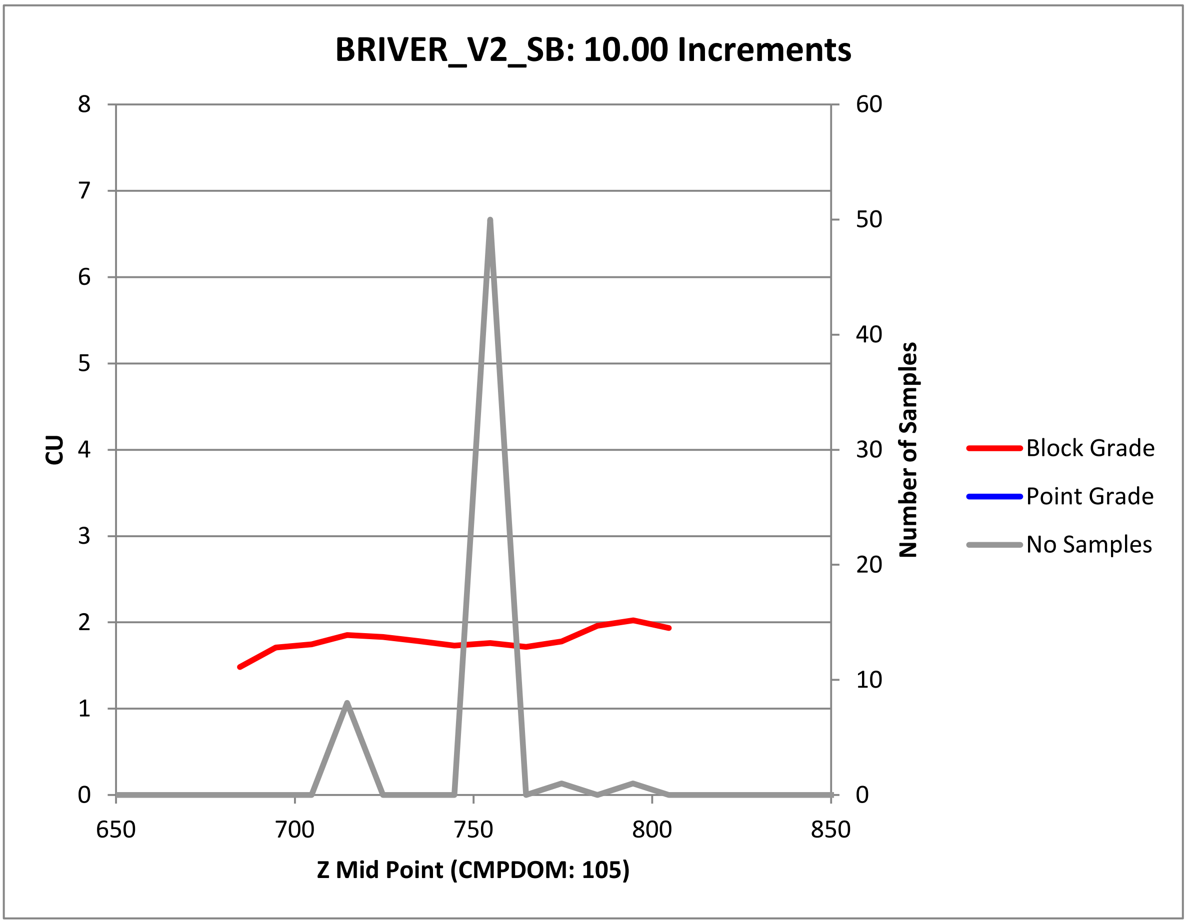
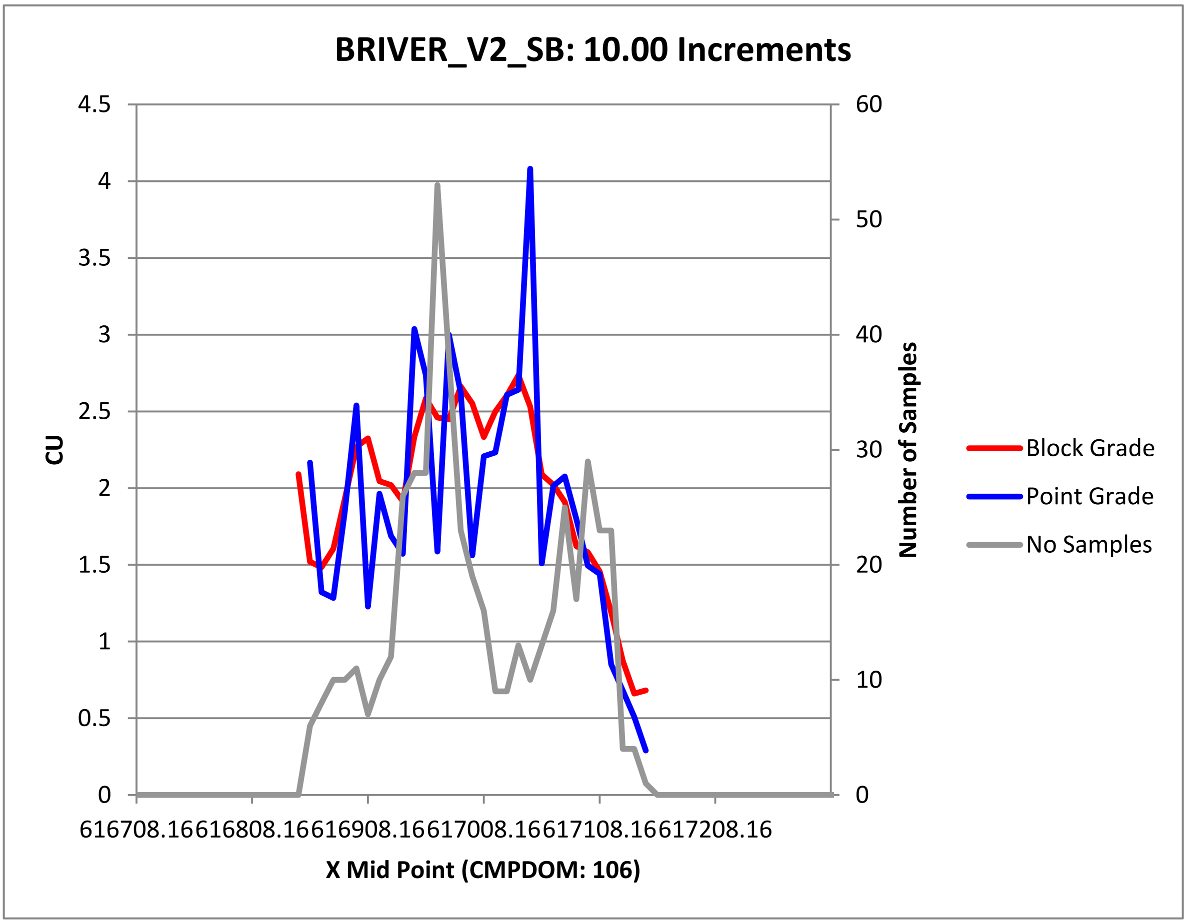
1
1.5
2
2.5
3
3.5
4
4.5
5
0
1
2
3
4
5
6
7
8
9
617000
617050
617100
617150
617200
617250
617300


BRIVER_V2_SB: 10.00 Increments
CU
0
1
2
3
4
5
6
7
8
Number of Samples
0
5
10
15
20
25
30
35
5,484,300.00
5,484,320.00
5,484,340.00
5,484,360.00
5,484,380.00
Y Mid Point (CMPDOM: 105)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
8
7
6
5
4
3
2
1
0
60
50
40
30
20
10
0
Number of Samples
650
700
750
800
850
Z Mid Point (CMPDOM: 105)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
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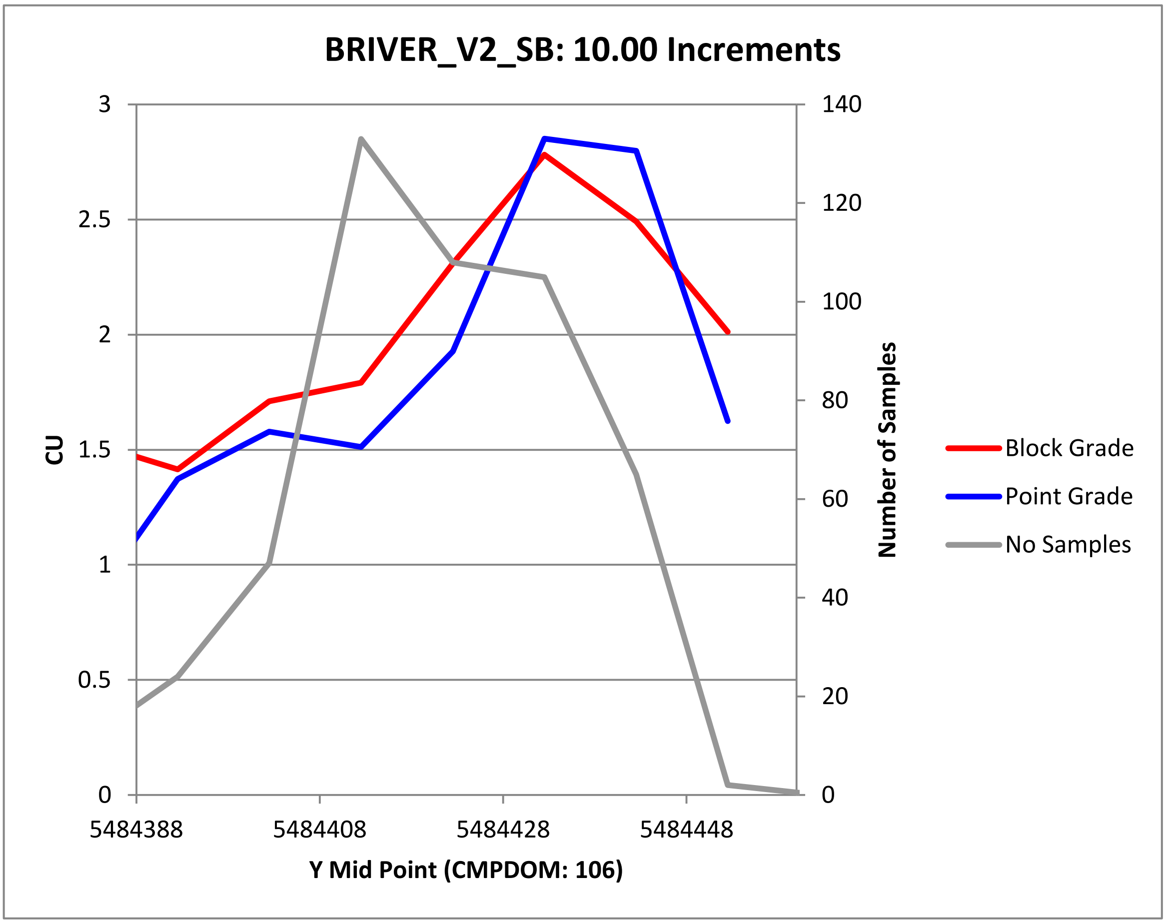
4
3.5
3
2.5
2
1.5
1
0.5
0
CU
60
50
40
30
20
10
0
Number of Samples
616708.16616808.16616908.16617008.16617108.16617208.16
X Mid Point (CMPDOM: 106)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
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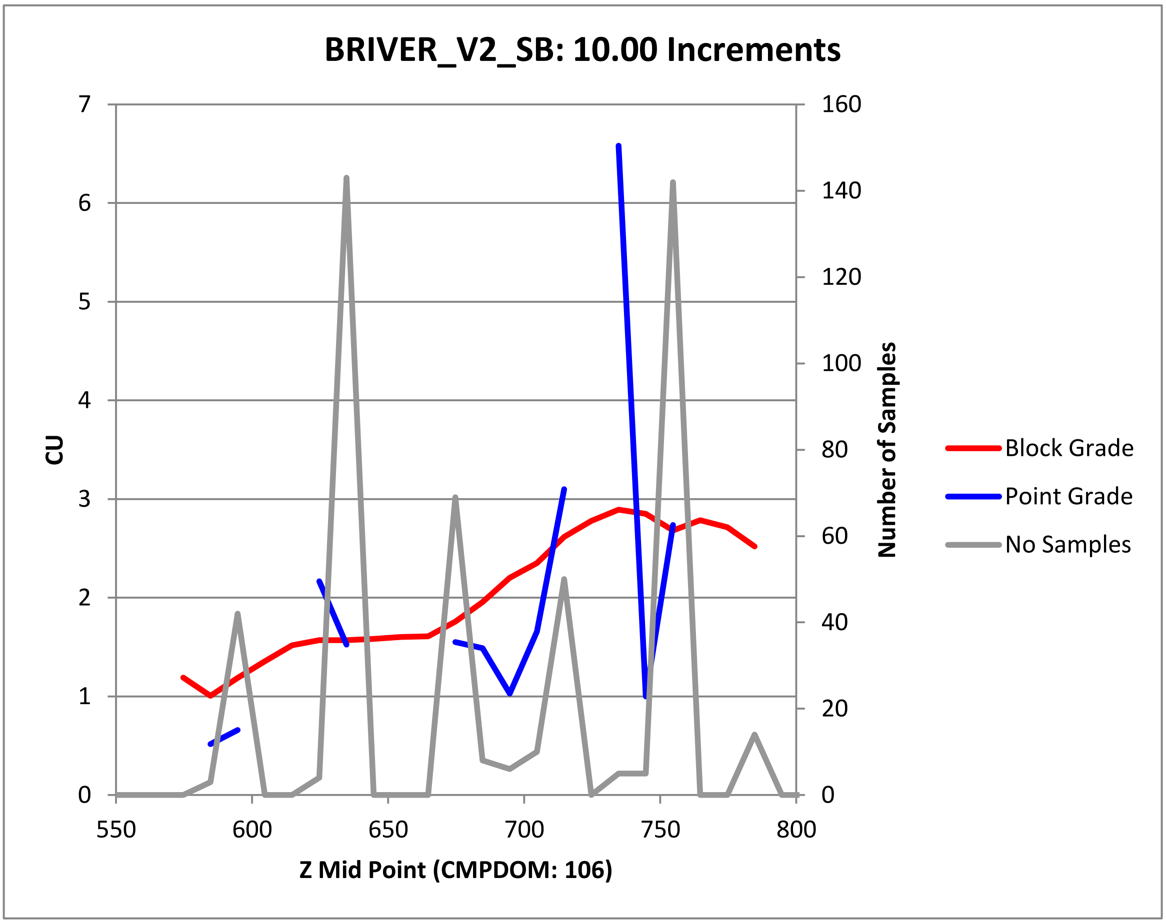
2.5
2
1.5
1
0.5
0
140
120
100
80
60
40
20
0
Number of Samples
5484388
5484408
5484428
5484448
Y Mid Point (CMPDOM: 106)
Block Grade
Point Grade
No Samples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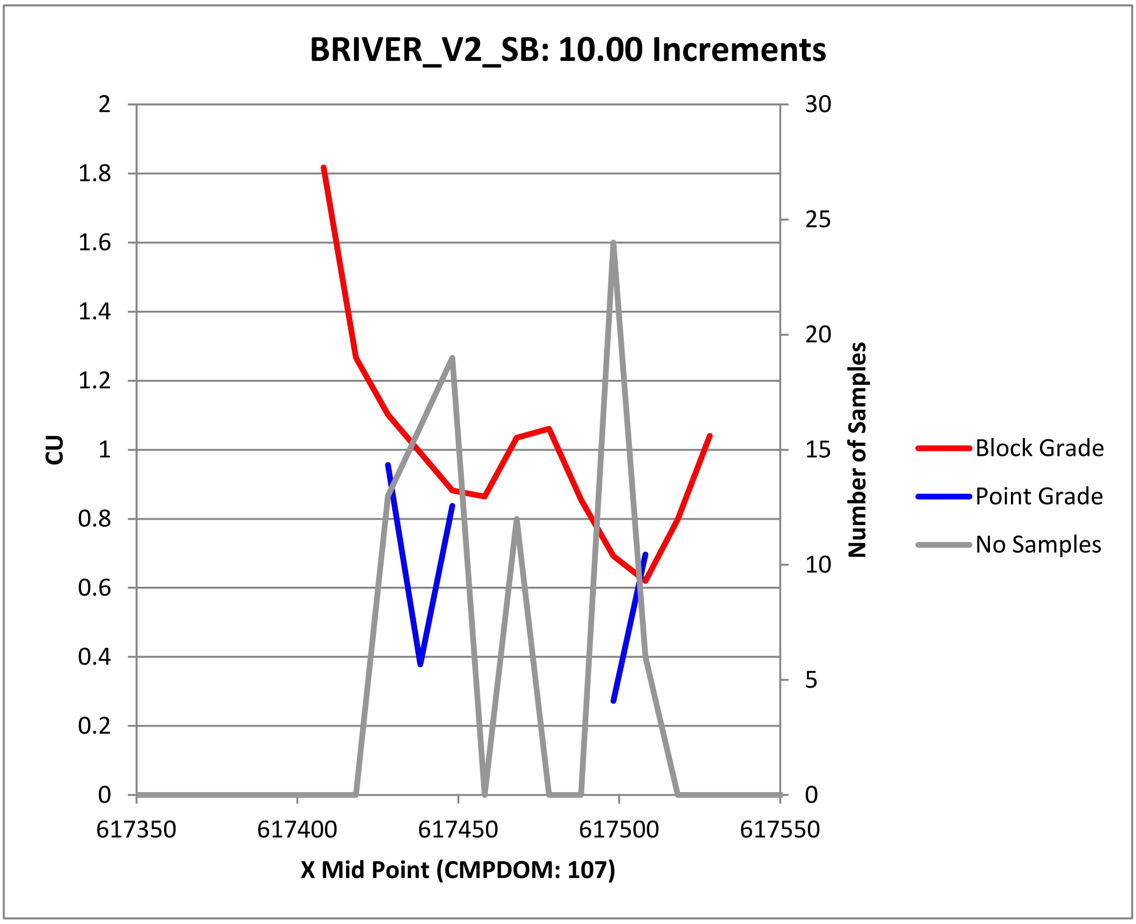
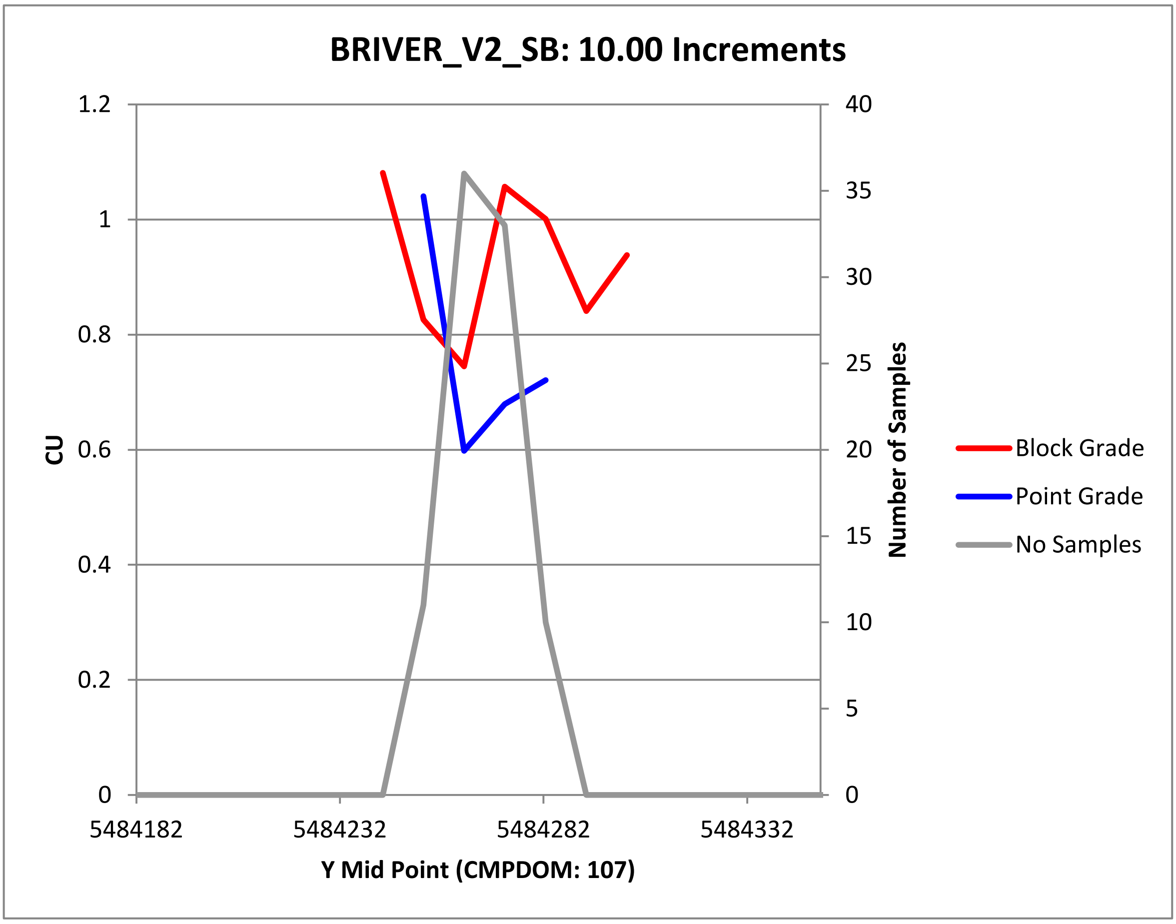
0
1
2
3
4
5
6
7
Number of Samples
0
20
40
60
80
100
120
140
160
550
600
650
700
750
800
Z Mid Point (CMPDOM: 106)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 107)
Block Grade
Point Grade
No Samples
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
30
25
20
15
10
5
0
617350
617400
617450
617500
617550


BRIVER_V2_SB: 10.00 Increments
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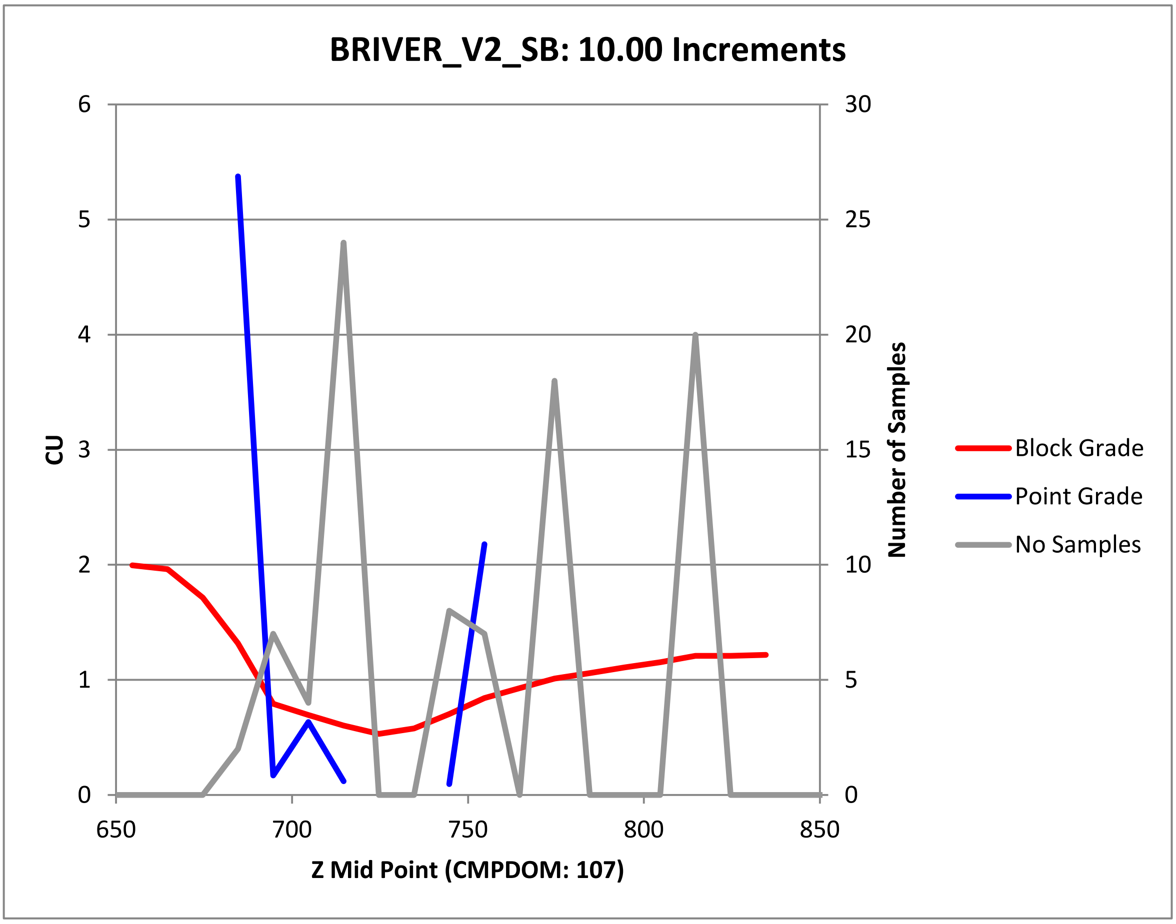
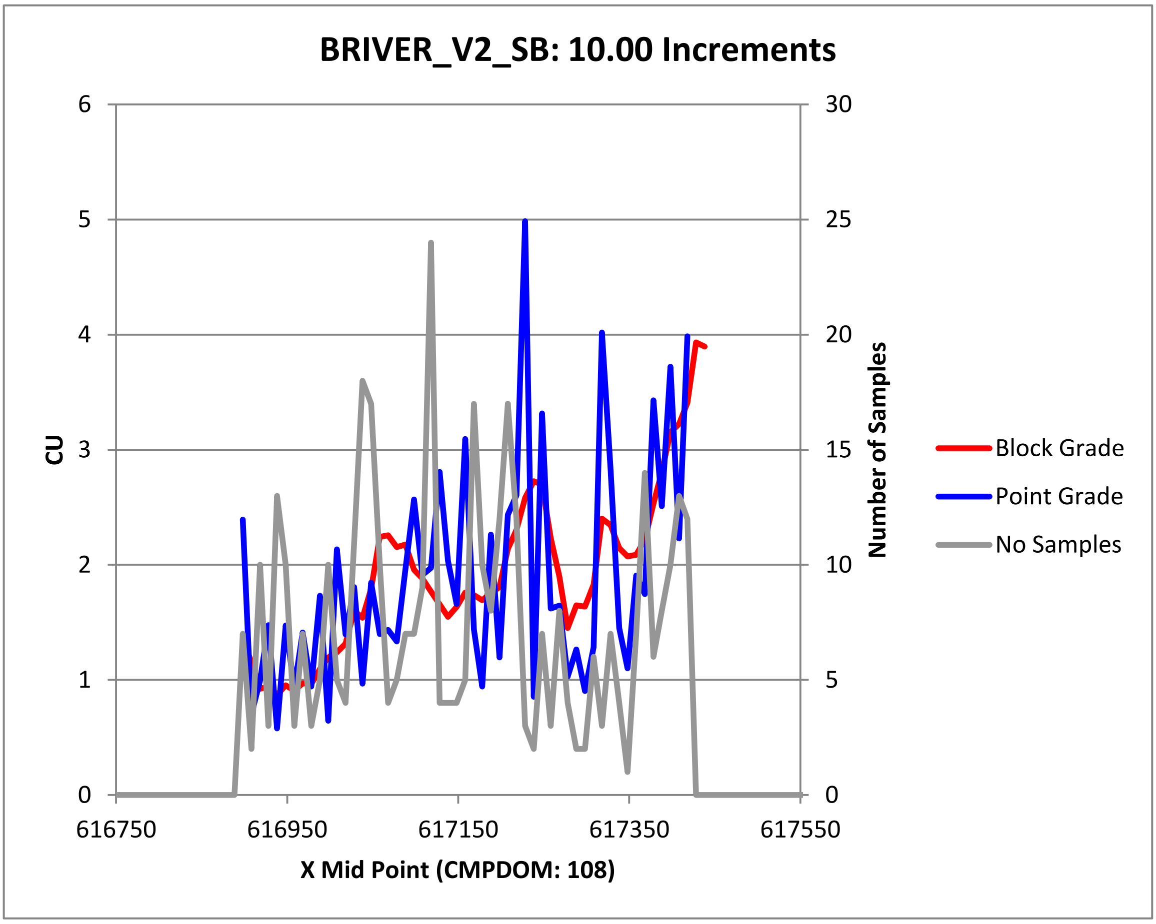
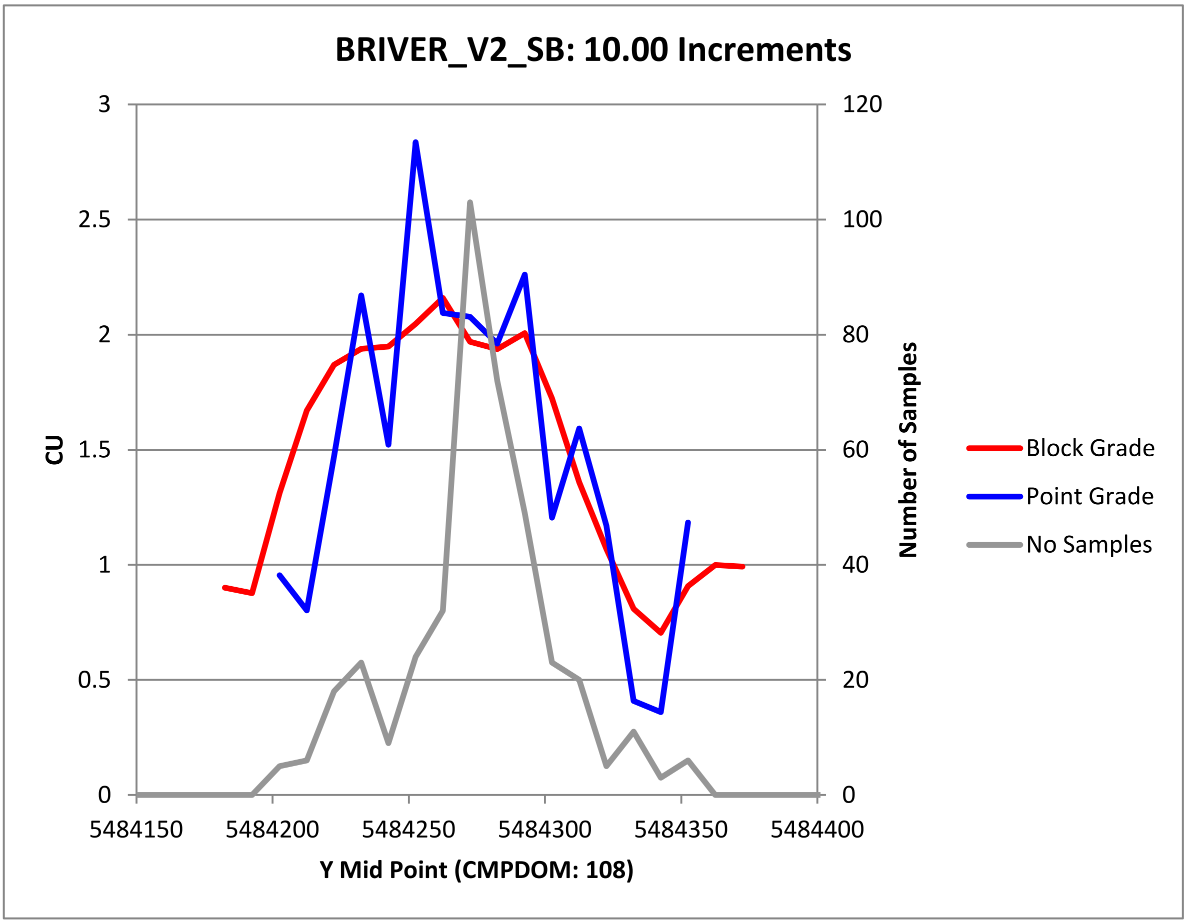
1.2
1
0.8
0.6
0.4
0.2
0
40
35
30
25
20
15
10
5
0
Number of Samples
5484182
5484232
5484282
5484332
Y Mid Point (CMPDOM: 107)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Z Mid Point (CMPDOM: 107)
0
1
2
3
4
5
6
0
5
10
15
20
25
30
650
700
750
800
850
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
6
5
4
3
2
1
0
30
25
20
15
10
5
0
CU
Number of Samples
616750
616950
617150
617350
617550
X Mid Point (CMPDOM: 108)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Y Mid Point (CMPDOM: 108)
Block Grade
Point Grade
No Samples
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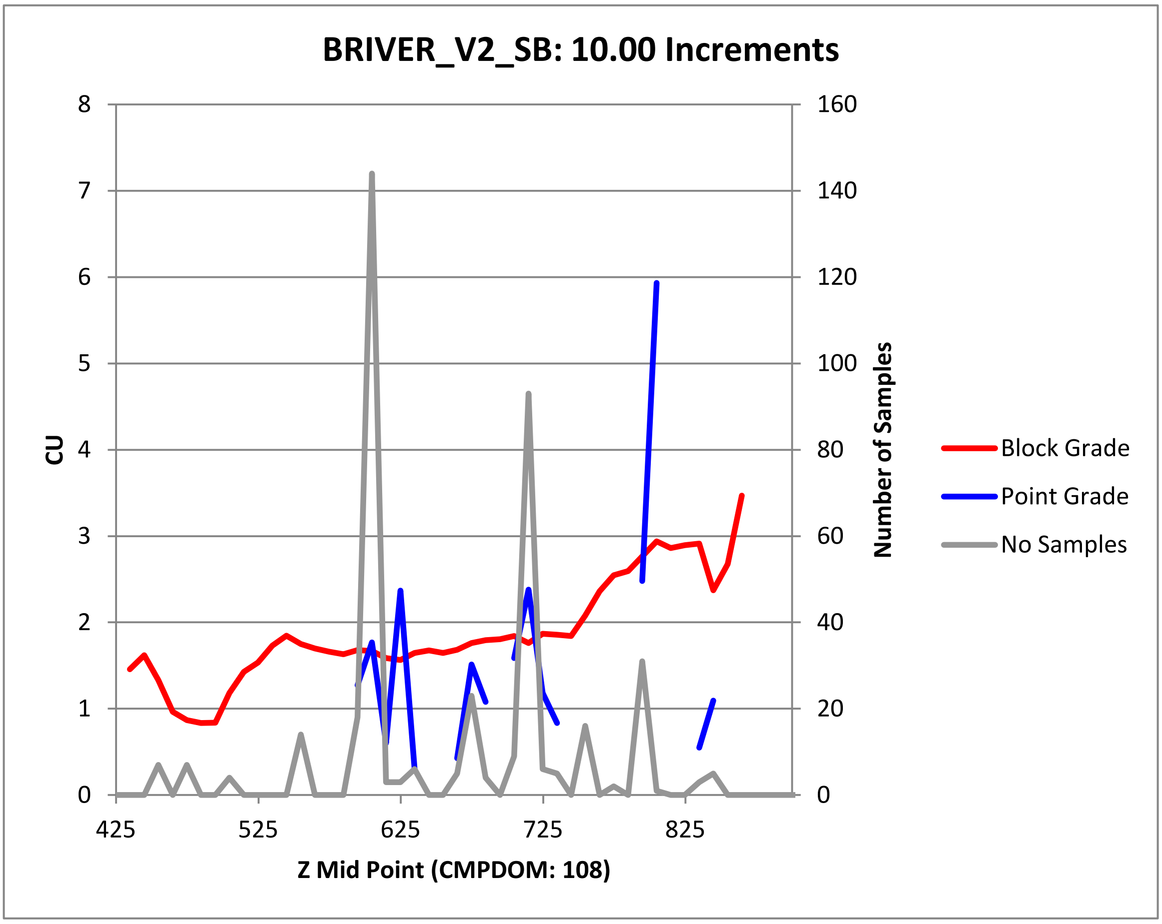
2.5
2
1.5
1
0.5
0
120
100
80
60
40
20
0
5484150
5484200
5484250
5484300
5484350
5484400


BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Z Mid Point (CMPDOM: 108)
Block Grade
Point Grade
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1
2
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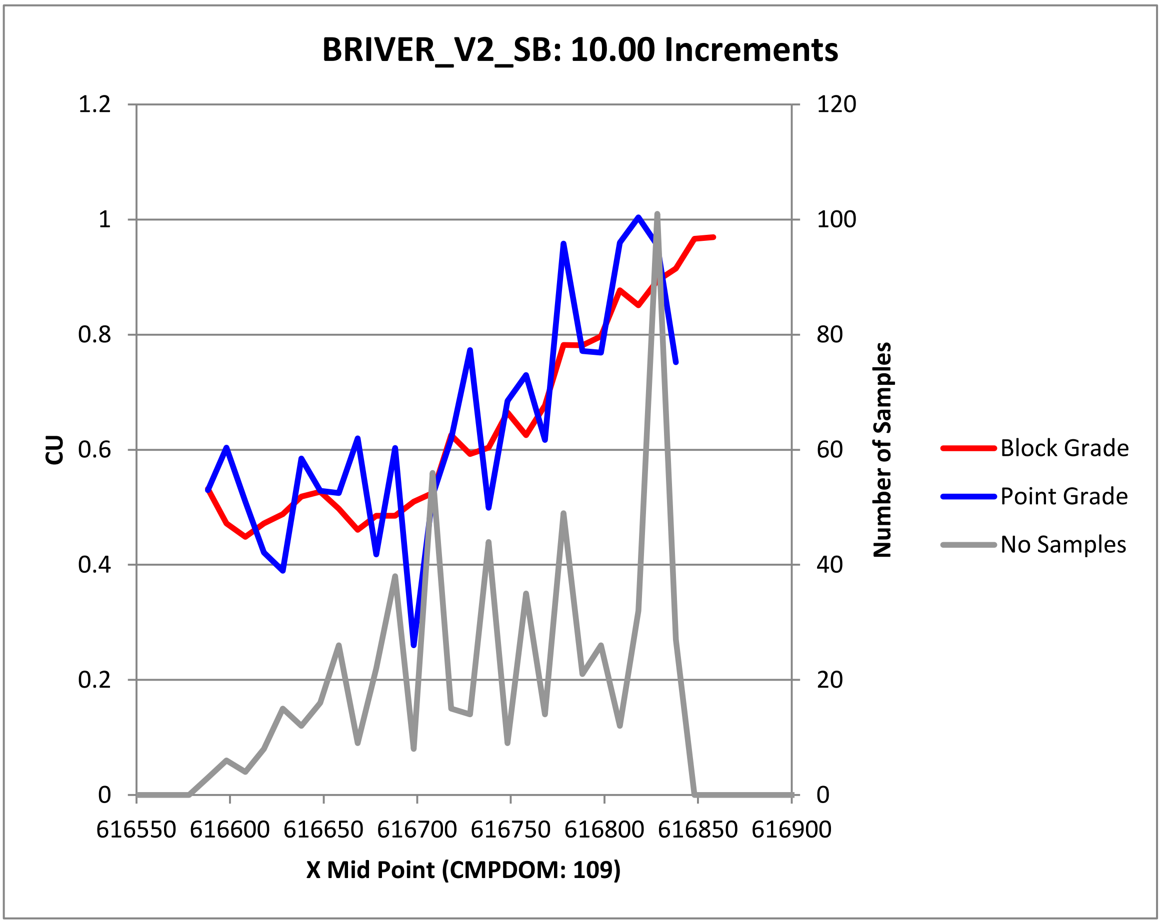
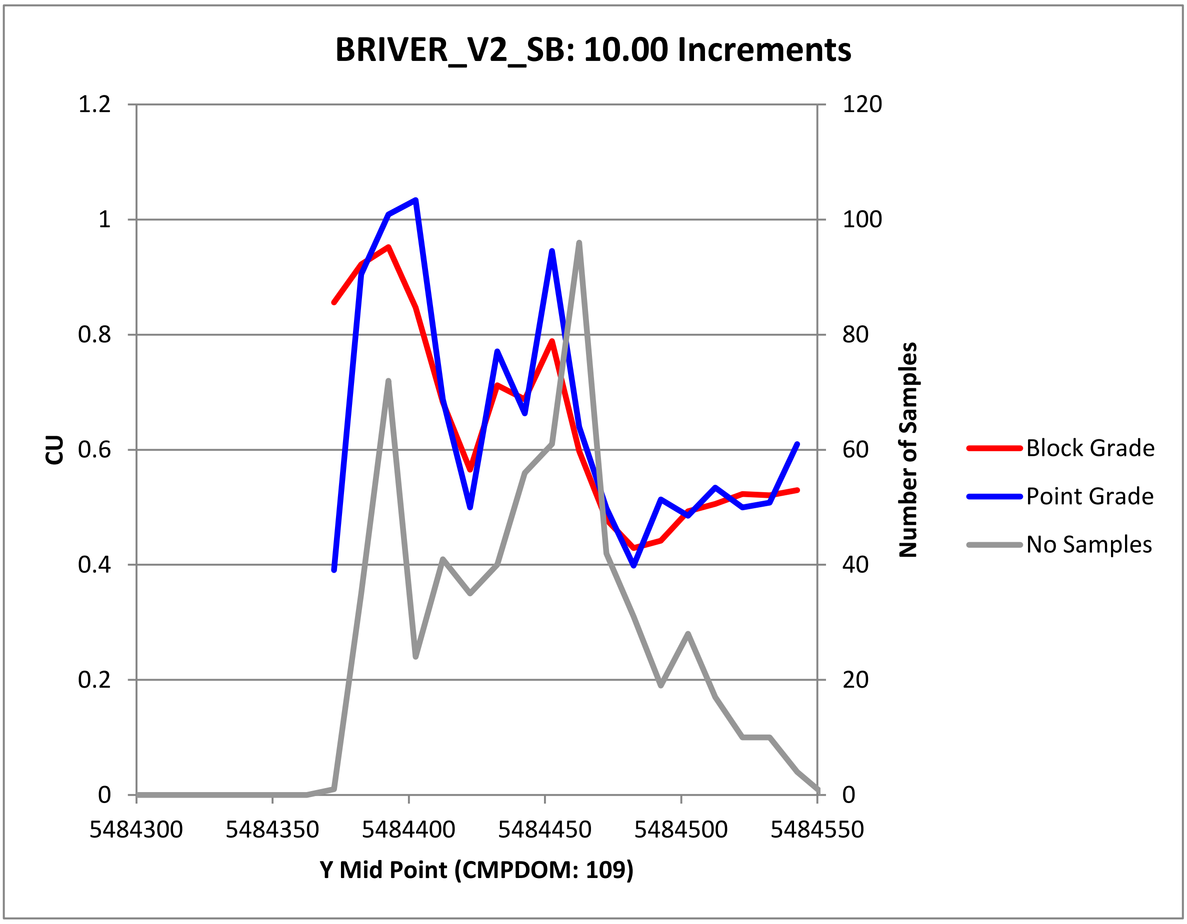
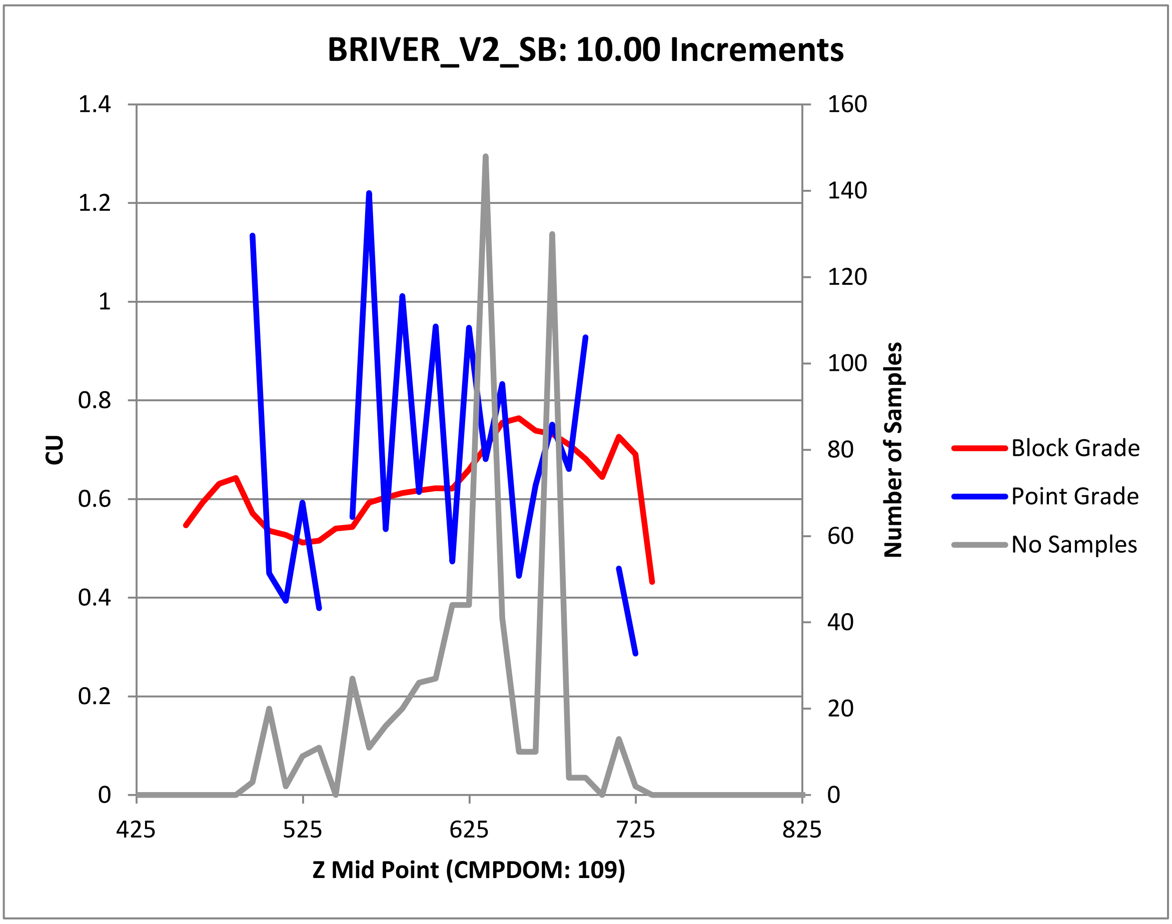
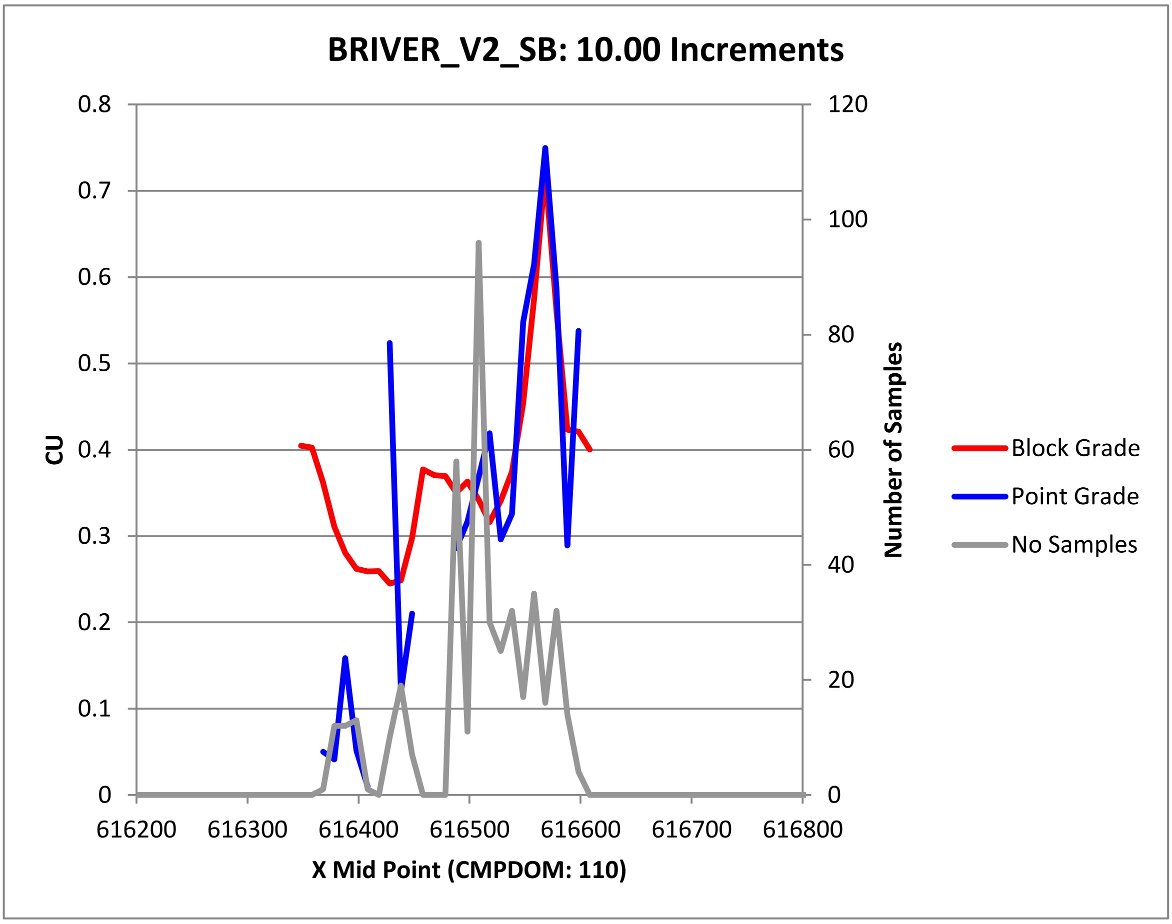
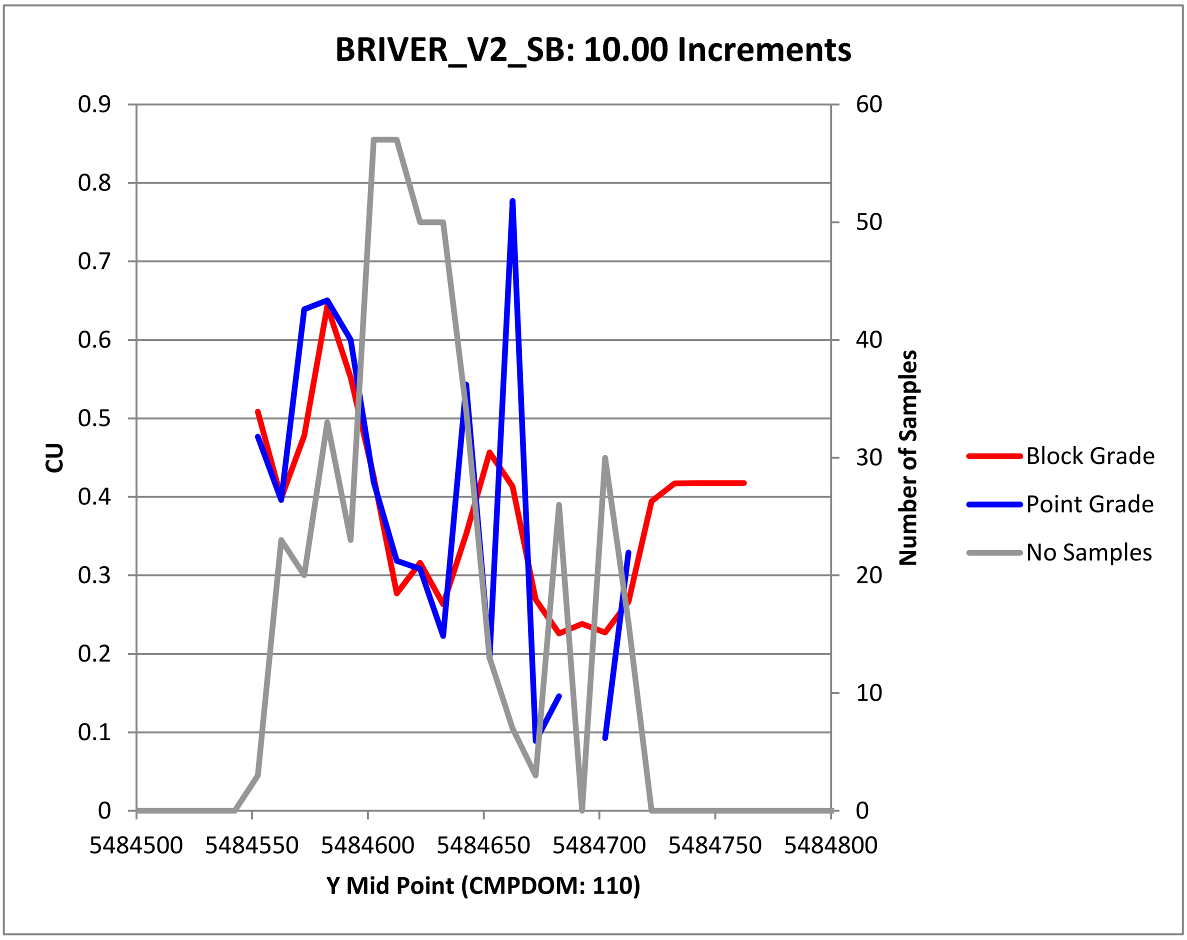
4
5
6
7
8
0
20
40
60
80
100
120
140
160
425
525
625
725
825

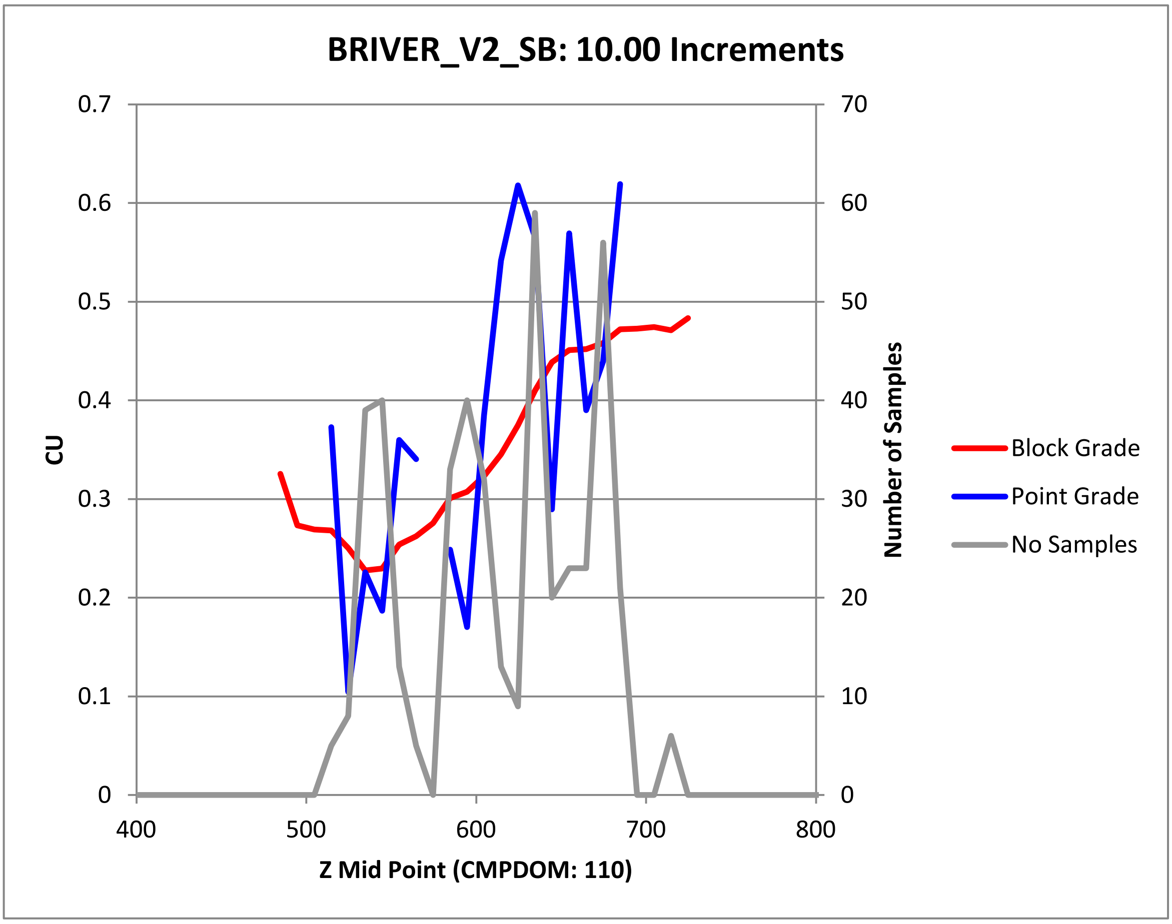

BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 109)
1.2
1
0.8
0.6
0.4
0.2
0
120
100
80
60
40
20
0
616550
616600
616650
616700
616750
616800
616850
616900
Block Grade
Point Grade
No Samples

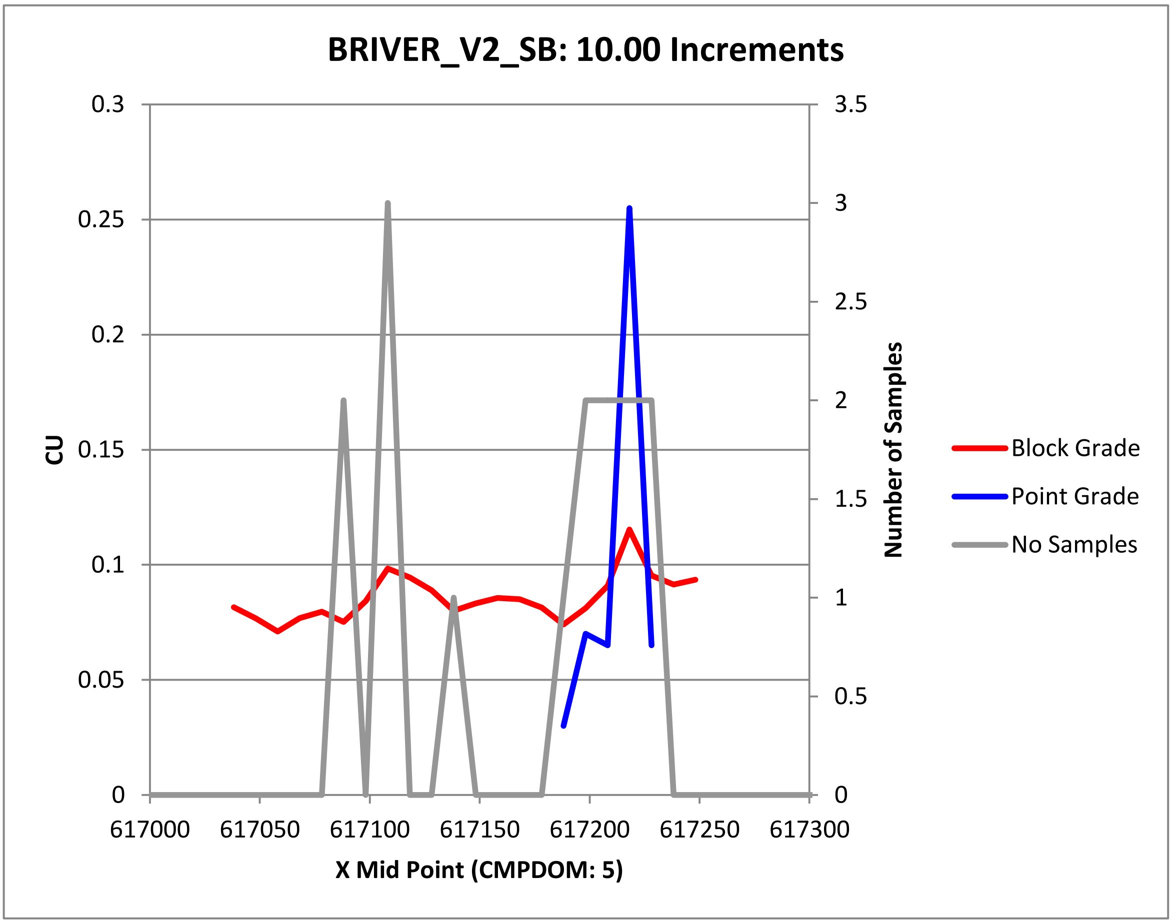

BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
Y Mid Point (CMPDOM: 109)
1.2
1
0.8
0.6
0.4
0.2
0
120
100
80
60
40
20
0
5484300
5484350
5484400
5484450
5484500
5484550
Block Grade
Point Grade
No Samples

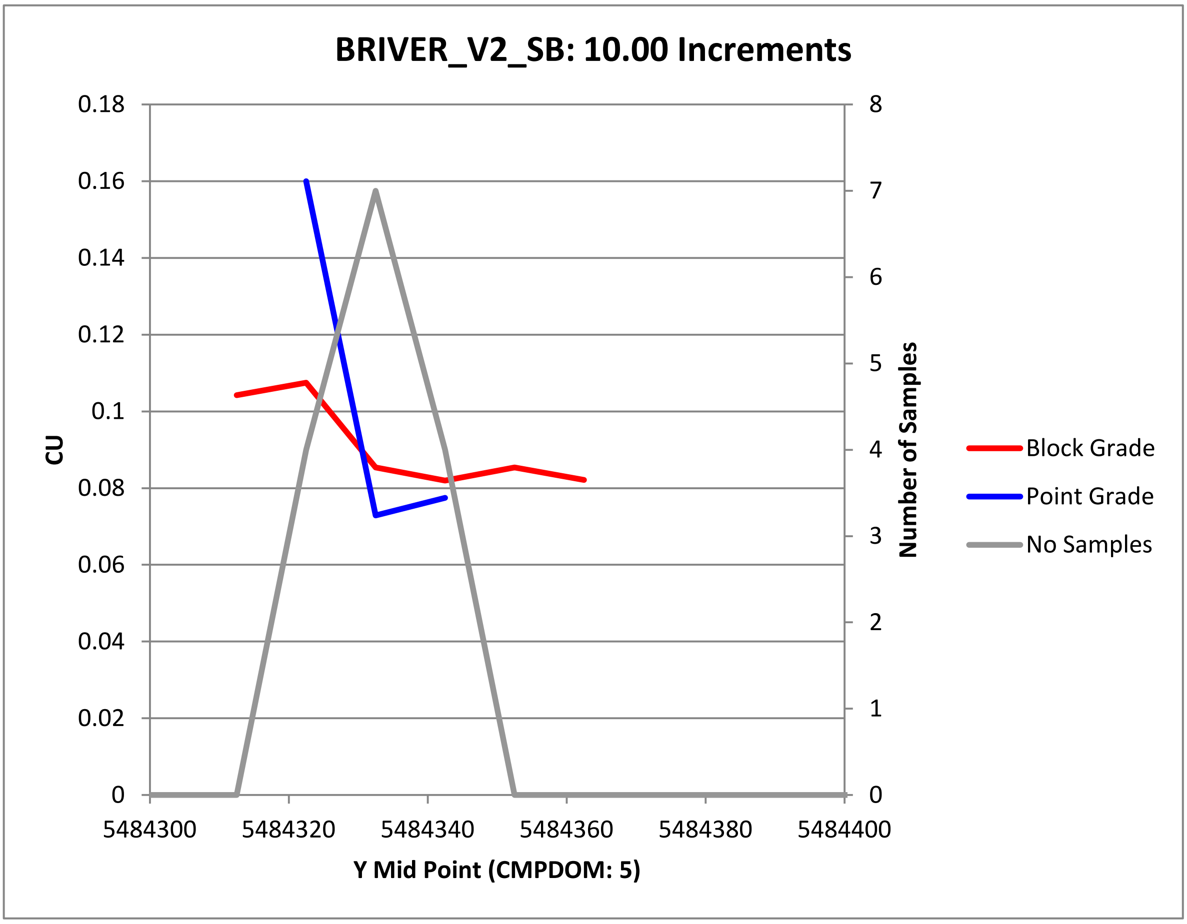

BRIVER_V2_SB: 10.00 Increments
CU
1.4
1.2
1
0.8
0.6
0.4
0.2
0
160
140
120
100
80
60
40
20
0
Number of Samples
425
525
625
725
825
Z Mid Point (CMPDOM: 109)
Block Grade
Point Grade
No Samples

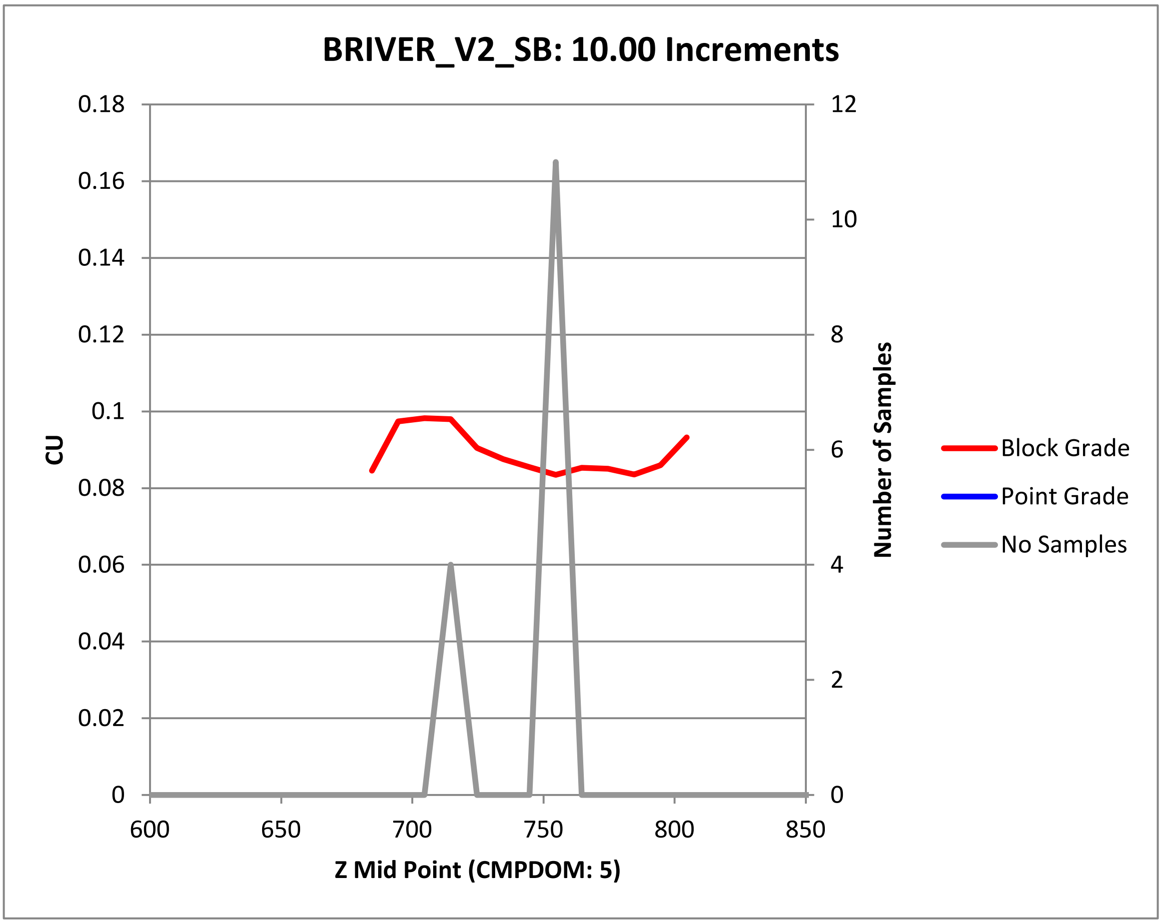

BRIVER_V2_SB: 10.00 Increments
CU
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
120
100
80
60
40
20
0
Number of Samples
616200
616300
616400
616500
616600
616700
616800
X Mid Point (CMPDOM: 110)
Block Grade
Point Grade
No Samples

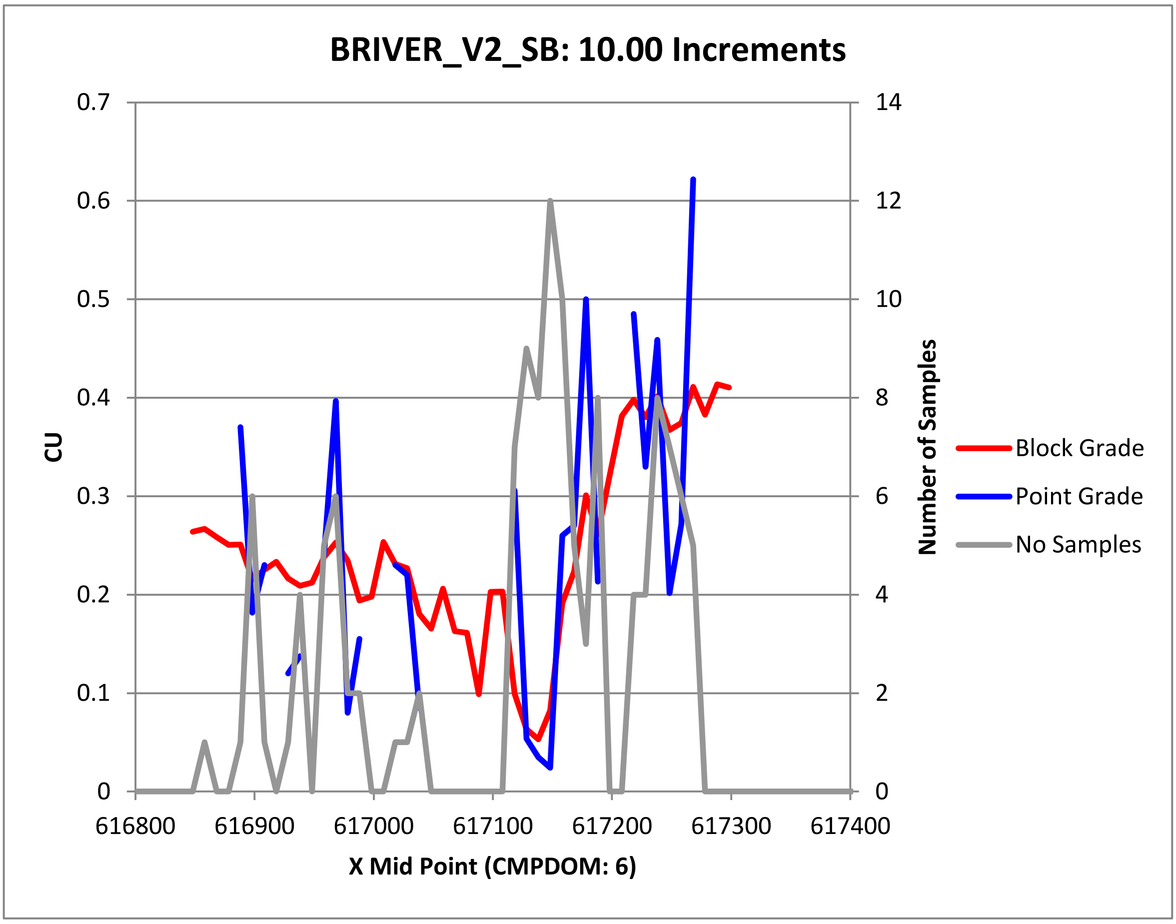

BRIVER_V2_SB: 10.00 Increments
CU
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
60
50
40
30
20
10
0
Number of Samples
5484500
5484550
5484600
5484650
5484700
5484750
5484800
Y Mid Point (CMPDOM: 110)
Block Grade
Point Grade
No Samples

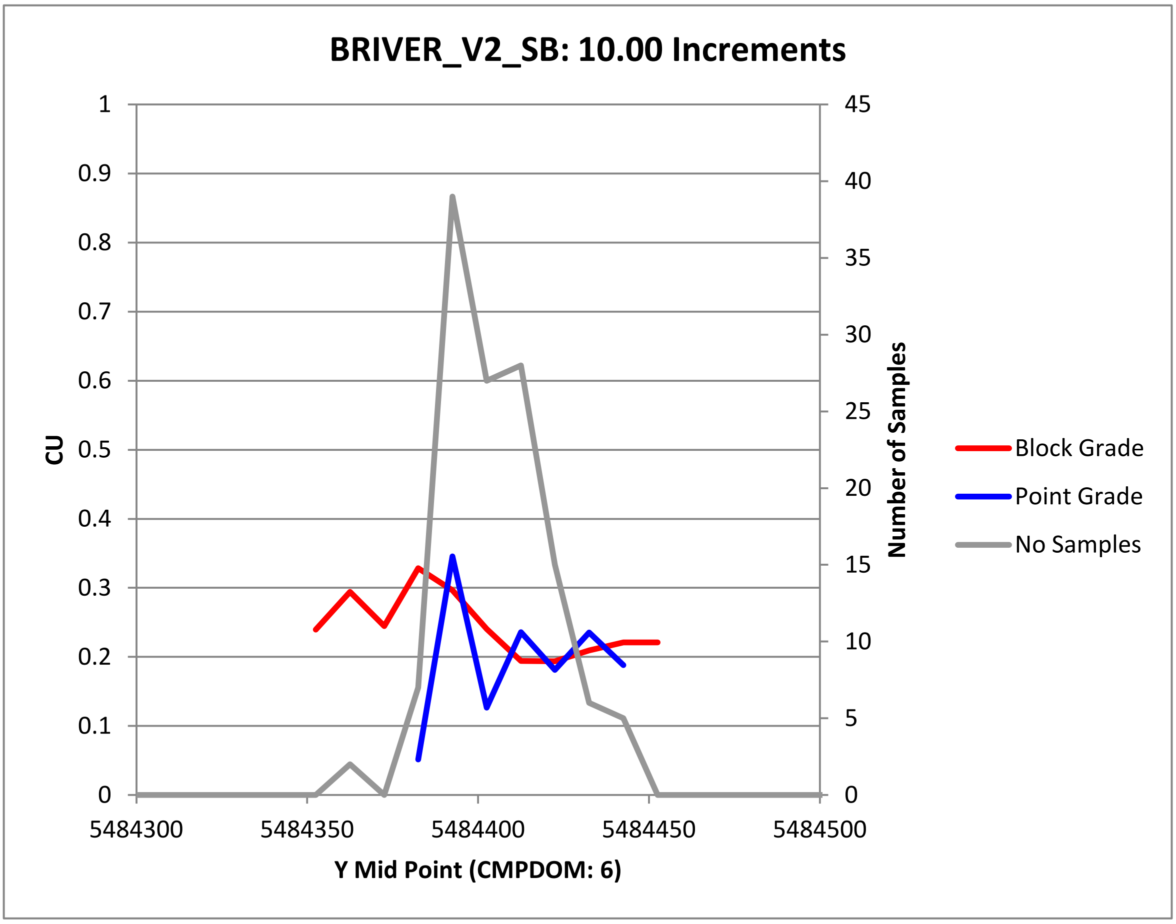

BRIVER_V2_SB: 10.00 Increments
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
CU
70
60
50
40
30
20
10
0
Number of Samples
400
500
600
700
800
Z Mid Point (CMPDOM: 110)
Block Grade
Point Grade
No Samples

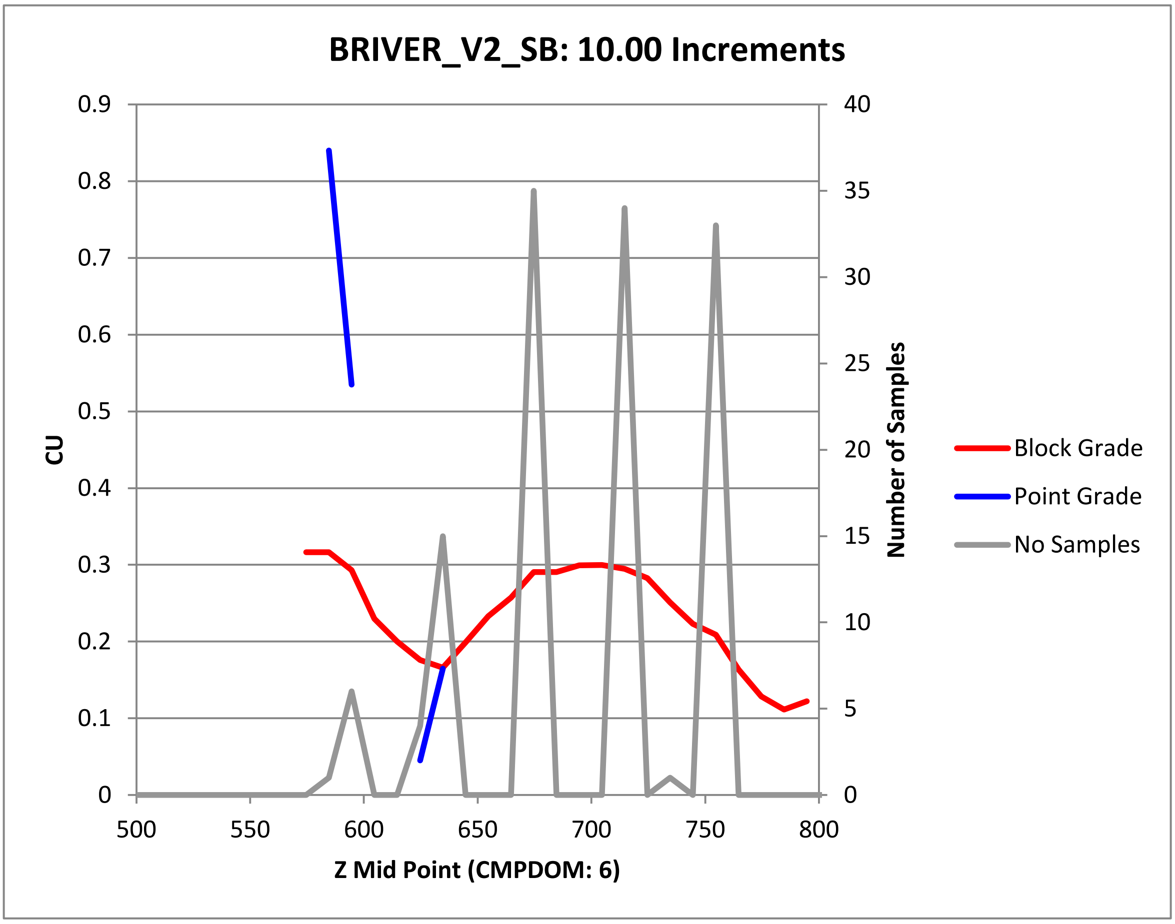

BRIVER_V2_SB: 10.00 Increments
CU
0.3
0.25
0.2
0.15
0.1
0.05
0
Number of Samples
3.5
3
2.5
2
1.5
1
0.5
0
617000
617050
617100
617150
617200
617250
617300
X Mid Point (CMPDOM: 5)
Block Grade
Point Grade
No Samples

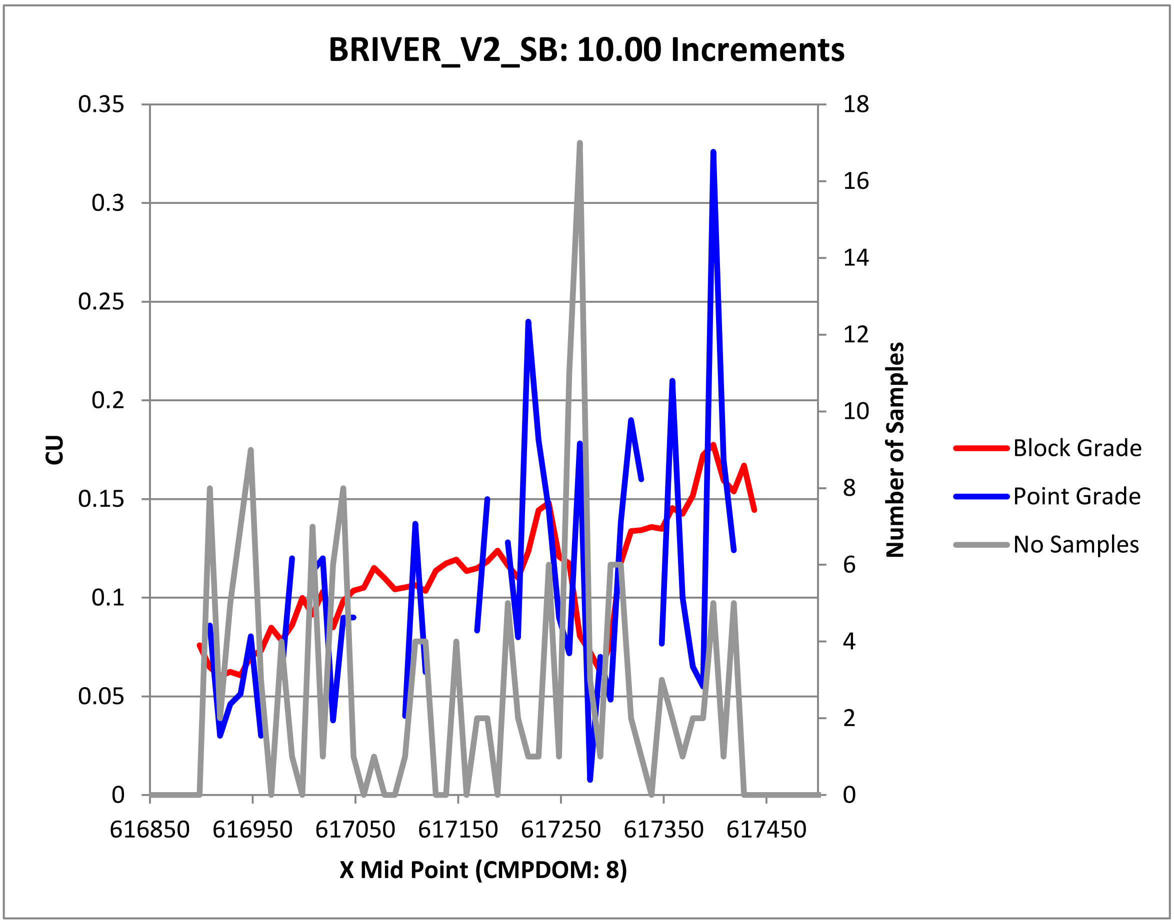

BRIVER_V2_SB: 10.00 Increments
CU
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
Number of Samples
8
7
6
5
4
3
2
1
0
5484300
5484320
5484340
5484360
5484380
5484400
Y Mid Point (CMPDOM: 5)
Block Grade
Point Grade
No Samples

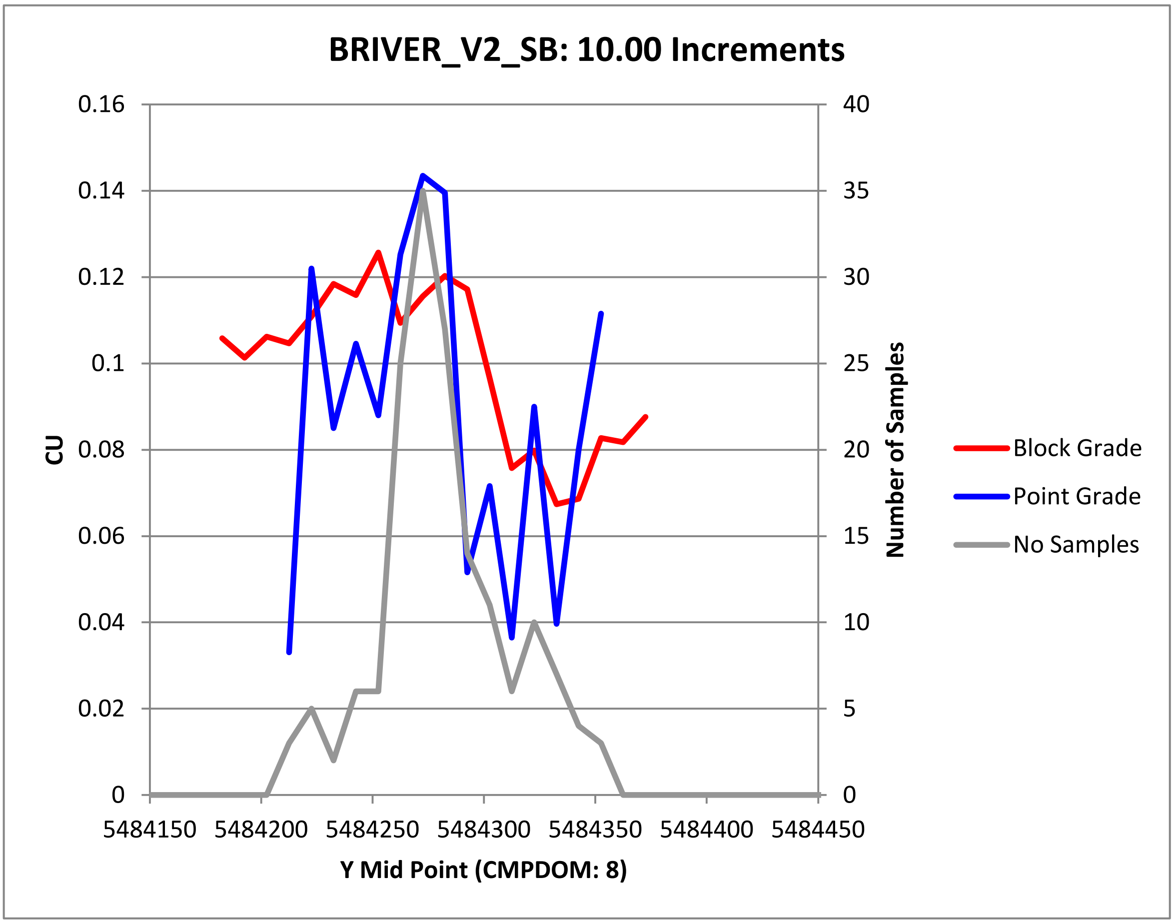

BRIVER_V2_SB: 10.00 Increments
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
CU
12
10
8
6
4
2
0
Number of Samples
600
650
700
750
800
850
Z Mid Point (CMPDOM: 5)
Block Grade
Point Grade
No Samples

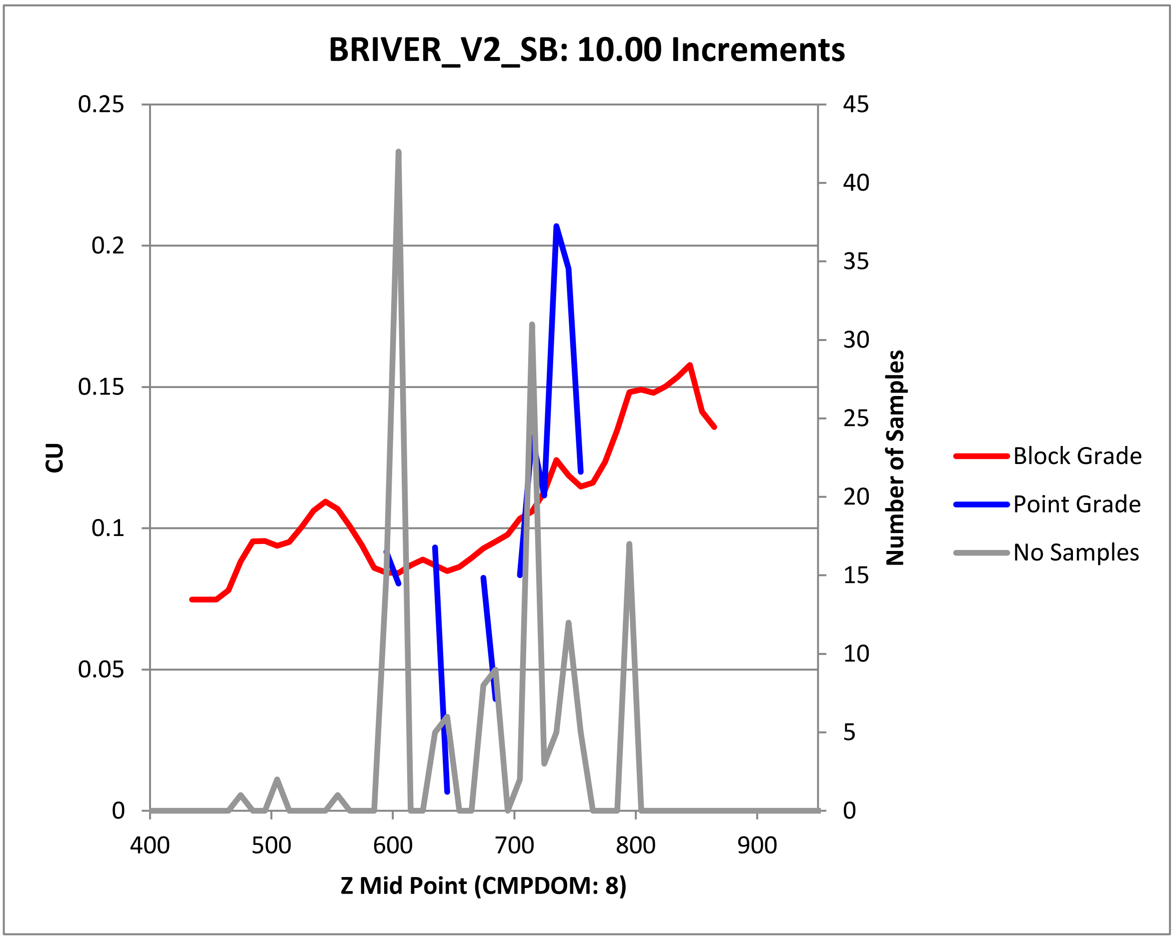

BRIVER_V2_SB: 10.00 Increments
CU
Number of Samples
X Mid Point (CMPDOM: 6)
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
14
12
10
8
6
4
2
0
616800
616900
617000
617100
617200
617300
617400
Block Grade
Point Grade
No Samples

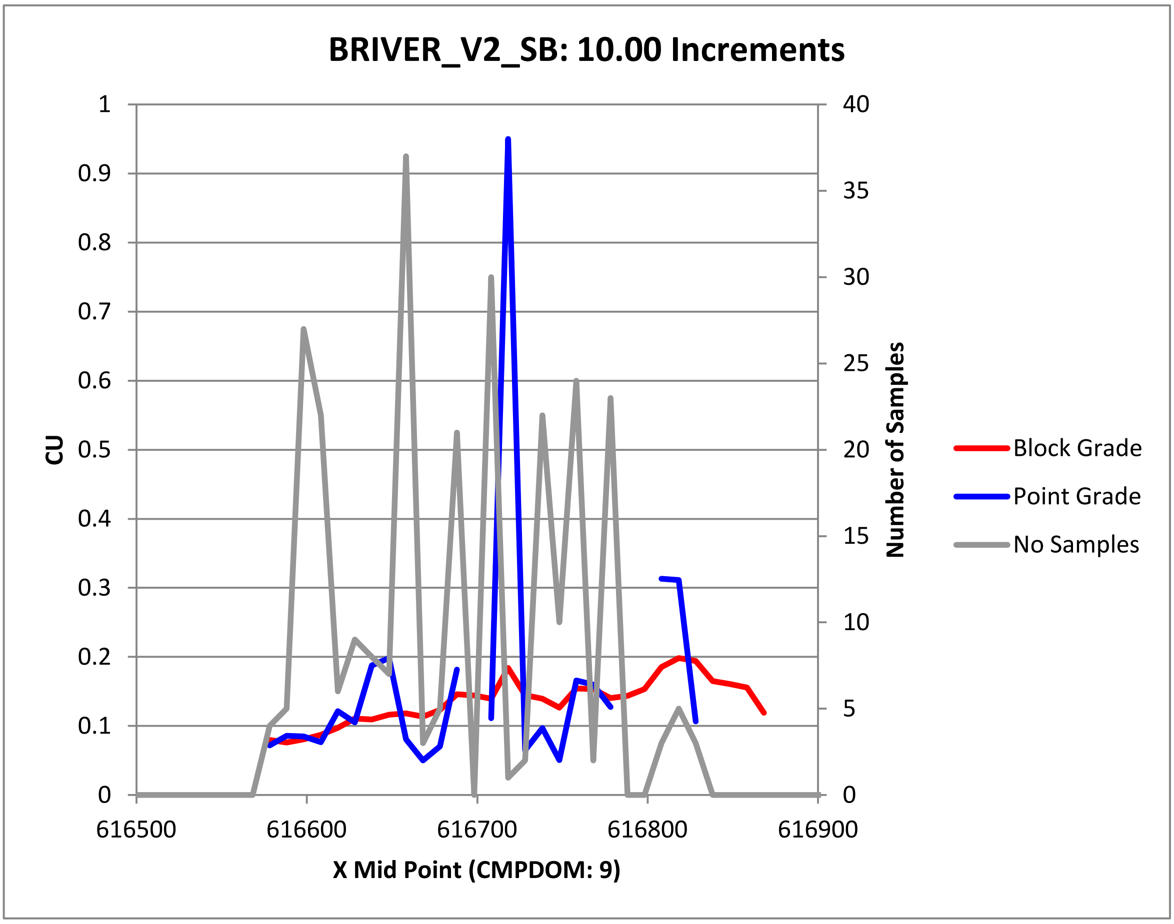

BRIVER_V2_SB: 10.00 Increments
CU
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
45
40
35
30
25
20
15
10
5
0
Number of Samples
5484300
5484350
5484400
5484450
5484500
Y Mid Point (CMPDOM: 6)
Block Grade
Point Grade
No Samples

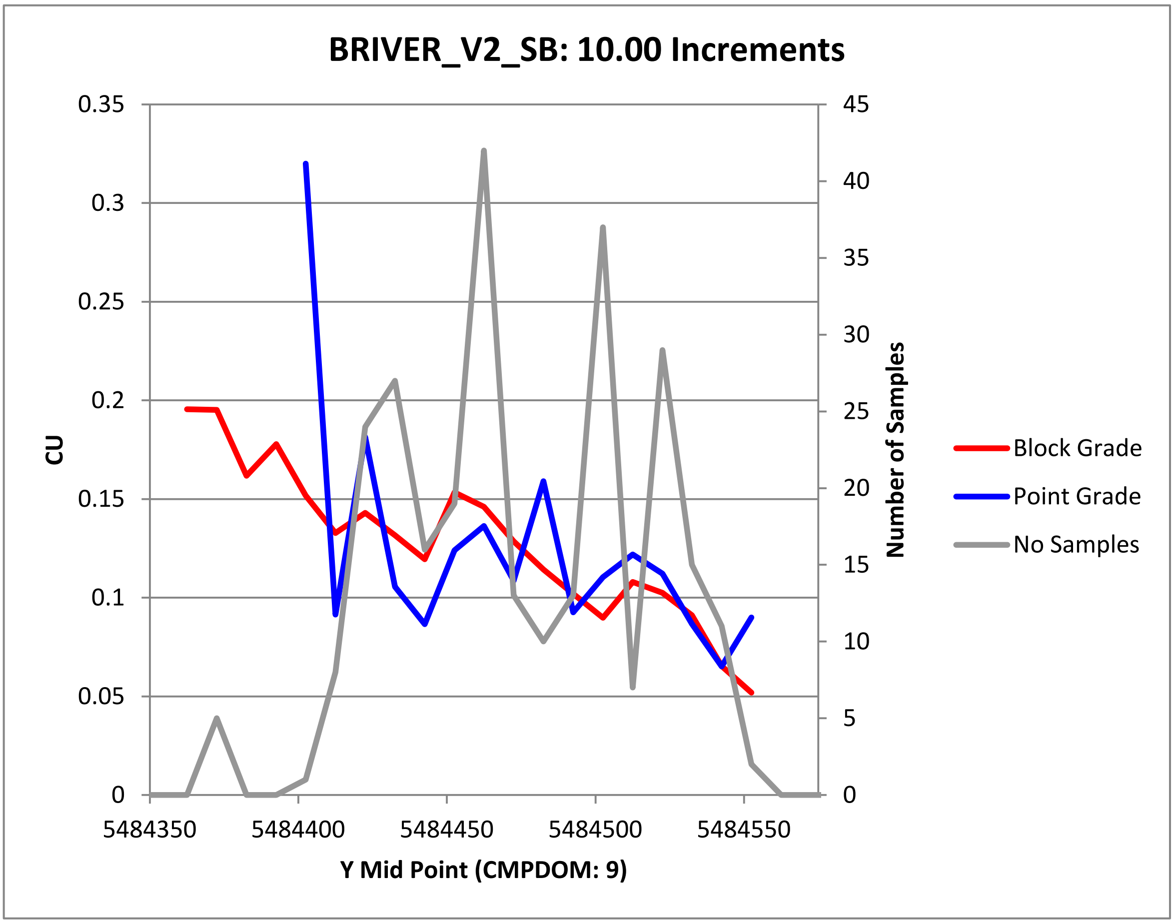

BRIVER_V2_SB: 10.00 Increments
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
CU
40
35
30
25
20
15
10
5
0
Number of Samples
500
550
600
650
700
750
800
Z Mid Point (CMPDOM: 6)
Block Grade
Point Grade
No Samples

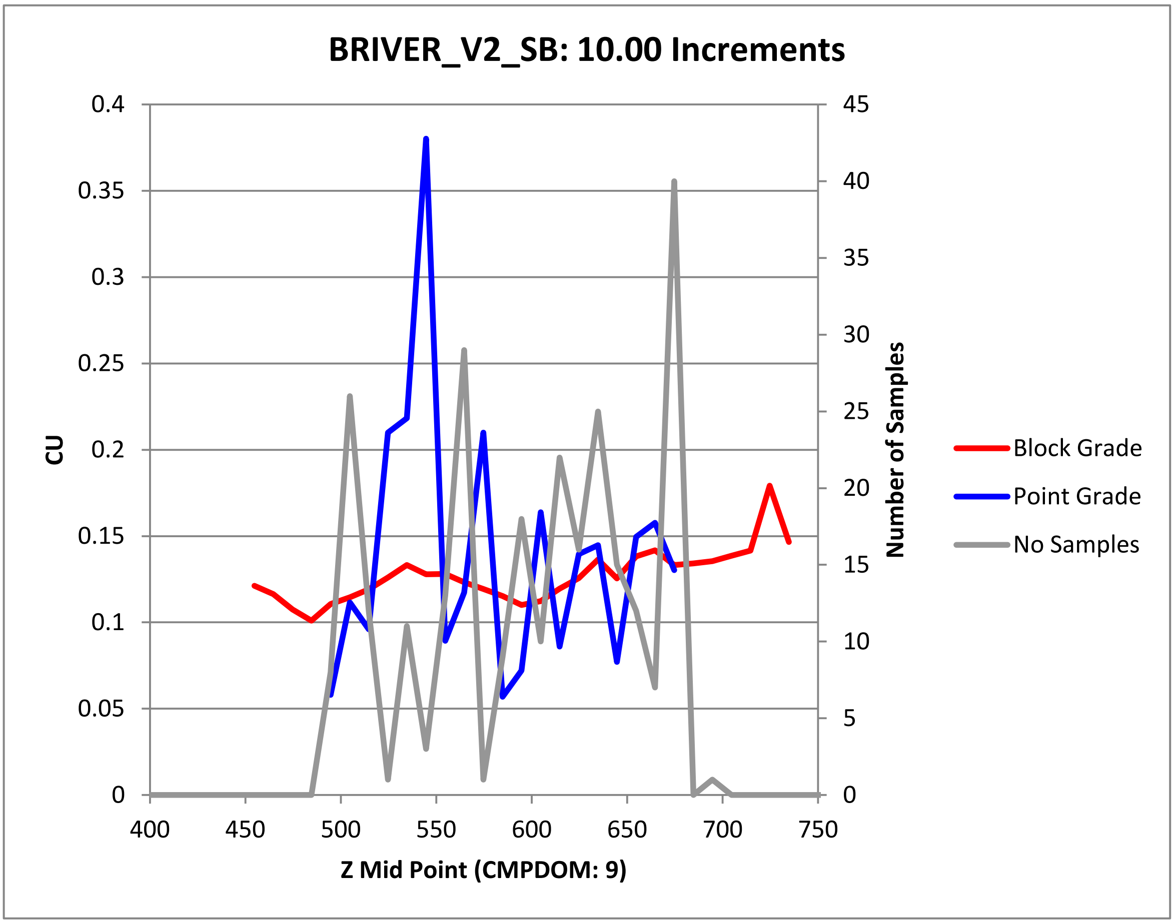

BRIVER_V2_SB: 10.00 Increments
CU
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
18
16
14
12
10
8
6
4
2
0
Number of Samples
616850
616950
617050
617150
617250
617350
617450
X Mid Point (CMPDOM: 8)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
40
35
30
25
20
15
10
5
0
Number of Samples
5484150
5484200
5484250
5484300
5484350
5484400
5484450
Y Mid Point (CMPDOM: 8)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
0.25
0.2
0.15
0.1
0.05
0
Number of Samples
45
40
35
30
25
20
15
10
5
0
400
500
600
700
800
900
Z Mid Point (CMPDOM: 8)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Number of Samples
40
35
30
25
20
15
10
5
0
616500
616600
616700
616800
616900
X Mid Point (CMPDOM: 9)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
CU
45
40
35
30
25
20
15
10
5
0
Number of Samples
5484350
5484400
5484450
5484500
5484550
Y Mid Point (CMPDOM: 9)
Block Grade
Point Grade
No Samples


BRIVER_V2_SB: 10.00 Increments
CU
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Number of Samples
45
40
35
30
25
20
15
10
5
0
400
450
500
550
600
650
700
750
Z Mid Point (CMPDOM: 9)
Block Grade
Point Grade
No Samples

APPENDIX C – 2012 Sample List

Note:
"TM" references samples sent for Total Metallics analysis.

"Original" indicates samples that are identified as the original sample taken, and they have a corresponding "Duplicate" sample from the same location for QA/QC purposes. Samples identified as "Duplicate" have the sample number corresponding to matching "original" sample.

Samples identified as "Blank" and "Standard"are the certified reference materials used for QA/QC. The numbers following the "Standard" label identifiy which of the standards was used, for comparison of assay results from Acme and the known metal values from WCM Minerals.

Samples identified as "vein" indicate that the sample is composed of quartz-carbonate vein with sulphide mineralization.

Samples identified as "HW" or "FW" indicate that hangingwall or footwall material was sampled, and the sample is composed of argillite. "Metaseds" also indicates that the sample is composed of argillite. "Vein+metaseds" indicates that the sample is composed of a mixture of quartz-carbonate vein and argillite.

Samples with a "FW/HW side" label indicate which edge of the vein is being sampled.

Sample types include:
- *"UG" underground chip sample*
- *"DH" drill core sample*
- *"CR" coarse rejects sample*
- *"P" pulp sample*
- *"QQ" QA/QC sample*

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU00-22	67015	107.4	108.3	0.9	TM sample #176476 [old #2253]
BRU00-25	67105	30.3	30.5	0.2	TM sample #177062 [old # 2342]
BRU00-12	67572	110.3	111.9	1.5	H011096, TM sample 176477
BRU00-29	68016	102.2	103.3	1.1	TM sample # 177063 [old # 2433]
BRU06-12	68263	107.0	108.3	1.3	TM sample #71490
BRU06-30	68291	58.4	59.8	1.4	TM sample # 176376
BRU05-04	68661	54.5	55.4	0.9	TM sample # 71485
BRU06-04	68673	69.0	70.1	1.1	TM sample # 71487
BRU06-04	68692	89.6	90.6	1.0	TM sample #71486
BRU06-07	68814	91.0	91.7	0.8	TM sample #71488
BRU06-09	68820	74.8	75.9	1.1	TM sample # 71489
BRU06-09	68828	85.5	86.6	1.0	TM sample # 71497
BRU07-02	69009	2.8	3.6	0.8	TM sample # 176372
BRU07-02	69017	0.0	0.0	0.0	Duplicate 69010, TM sample #176380
BRU07-03	69068	36.4	36.9	0.5	TM sample # 176384
BRU07-03	69089	0.0	0.0	0.0	Duplicate 69091, TM sample # 176378
BRU07-03	69091	63.4	64.3	0.9	original, TM sample # 176379
6W1-03	69501	0.0	1.0	1.0	HW
6W1-03	69502	1.0	2.0	1.0	original, vein
6W1-03	69503	2.0	3.0	1.0	original, vein
6W1-03	69504	3.0	4.0	1.0	original, vein
	69505				Blank
6W1-03	69506	4.0	5.0	1.0	original, vein
6W1-03	69507	5.0	6.0	1.0	original, vein
6W1-03	69508	6.0	7.0	1.0	FW
6W1-03	69509	1.0	2.0	1.0	vein, Duplicate=69502
6W1-03	69510	2.0	3.0	1.0	vein, Duplicate=69503
6W1-03	69511	3.0	4.0	1.0	vein, Duplicate=69504
6W1-03	69512	4.0	5.0	1.0	vein, Duplicate=69506
6W1-03	69513	5.0	6.0	1.0	vein, Duplicate=69507
6W1-02	69514	0.0	1.7	1.7	HW (S-side)
6W1-02	69515	1.7	3.4	1.7	vein
6W1-01	69516	0.0	1.6	1.6	vein
6W1-04	69517	0.0	1.0	1.0	vein HW side
6W1-04	69518	1.0	2.0	1.0	vein
6W1-04	69519	2.0	3.0	1.0	vein
6W1-04	69520	3.0	4.0	1.0	vein
6W1-04	69521	4.0	5.0	1.0	vein FW side, ** questionable sample, Rick H. reduced sample fragments**
	69522				Standard 145
6W1-05	69523	0.0	1.0	1.0	vein HW side
6W1-05	69524	1.0	2.0	1.0	vein
6W1-05	69525	2.0	3.0	1.0	vein
6W1-05	69526	3.0	4.0	1.0	vein
6W1-05	69527	4.0	5.0	1.0	vein FW side
6W1-06	69528	0.0	1.0	1.0	vein HW side
6W1-06	69529	1.0	2.0	1.0	vein
6W1-06	69530	2.0	3.0	1.0	vein
6W1-06	69531	3.0	4.0	1.0	vein
6W1-06	69532	4.0	5.0	1.0	vein FW side
6W1-07	69533	0.0	1.0	1.0	vein HW side
6W1-07	69534	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6W1-07	69535	2.0	3.0	1.0	vein
6W1-07	69536	3.0	4.0	1.0	vein FW side
6W1-08	69537	0.0	1.0	1.0	original, vein HW side
6W1-08	69538	1.0	2.0	1.0	original, vein
6W1-08	69539	2.0	3.0	1.0	original, vein
6W1-08	69540	3.0	4.0	1.0	original, vein
6W1-08	69541	4.0	5.0	1.0	FW
6W1-08	69542	0.0	1.0	1.0	vein HW side, Duplicate=69537
6W1-08	69543	1.0	2.0	1.0	vein, Duplicate=69538
	69544				Standard 121
6W1-08	69545	2.0	3.0	1.0	vein, Duplicate=69539
6W1-08	69546	3.0	4.0	1.0	FW, Duplicate=69540
6W2-01	69547	0.0	1.0	1.0	vein, W wall of crosscut
6W2-02	69548	0.0	1.4	1.4	vein, E wall of crosscut
6W2-03	69549	0.0	1.7	1.7	vein, W wall of crosscut
	69550				Blank
6W2-04	69551	0.0	1.4	1.4	vein, E wall of crosscut
6W2-05	69552	0.0	1.1	1.1	vein, HW side, W wall of crosscut
6W2-05	69553	1.1	2.2	1.1	vein, W wall of crosscut
6W2-05	69554	2.2	3.3	1.1	vein, W wall of crosscut
6W2-05	69555	3.3	4.4	1.1	original, vein, W wall of crosscut
6W2-05	69556	4.4	5.5	1.1	vein, W wall of crosscut
6W2-05	69557	5.5	6.6	1.1	vein, W wall of crosscut
6W2-05	69558	6.6	7.7	1.1	vein, W wall of crosscut
6W2-05	69559	7.7	8.8	1.1	FW, W wall of crosscut
6W2-06	69560	0.0	1.1	1.1	vein, HW side, E wall of crosscut
6W2-06	69561	1.1	2.2	1.1	vein, E wall of crosscut
6W2-06	69562	2.2	3.3	1.1	vein, E wall of crosscut
6W2-06	69563	3.3	4.4	1.1	vein, E wall of crosscut
6W2-06	69564	4.4	5.5	1.1	vein, E wall of crosscut
6W2-06	69565	5.5	6.6	1.1	vein, E wall of crosscut
	69566				Standard 184
6W2-06	69567	6.6	7.7	1.1	FW with vein, E wall of crosscut
6W2-05	69568	3.3	4.4	1.1	vein, W wall of crosscut, Duplicate=69555
6W2-07	69569	0.0	1.0	1.0	vein, HW side, W wall of crosscut
6W2-07	69570	1.0	1.9	1.0	vein, FW side, W wall of crosscut
6W2-08	69571	0.0	1.0	1.0	vein, HW side, E wall of crosscut
6W2-08	69572	1.0	2.0	1.0	vein, E wall of crosscut
6W2-08	69573	2.0	3.0	1.0	vein, FW side, E wall of crosscut
	69574				Blank
6W3-01	69575	0.0	1.0	1.0	vein, HW side, W wall of crosscut
6W3-01	69576	1.0	2.0	1.0	vein, W wall of crosscut
6W3-01	69577	2.0	3.0	1.0	original, vein, W wall of crosscut
6W3-01	69578	3.0	4.0	1.0	vein, W wall of crosscut
6W3-01	69579	4.0	5.0	1.0	vein, W wall of crosscut
6W3-01	69580	5.0	6.0	1.0	vein, FW side, W wall of crosscut
6W3-02	69581	0.0	1.0	1.0	vein, HW side, E wall of crosscut
6W3-02	69582	1.0	2.0	1.0	vein, E wall of crosscut
6W3-02	69583	2.0	3.0	1.0	vein, E wall of crosscut
6W3-02	69584	3.0	4.0	1.0	vein, E wall of crosscut
6W3-02	69585	4.0	5.0	1.0	vein, E wall of crosscut

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6W3-02	69586	5.0	6.0	1.0	vein, E wall of crosscut
	69587				Blank
6W3-01	69588	2.0	3.0	1.0	vein, W wall of crosscut, Duplicate=69577
6SE-01	69589	0.0	1.0	1.0	HW side
6SE-01	69590	1.0	2.0	1.0	vein
6SE-01	69591	2.0	3.0	1.0	vein
6SE-01	69592	3.0	4.0	1.0	FW side, some veining
6SE-02	69593	0.0	1.0	1.0	vein, HW side
6SE-02	69594	1.0	2.0	1.0	vein
6SE-02	69595	2.0	3.0	1.0	vein
6SE-02	69596	3.0	4.0	1.0	vein, FW side
	69597				Standard 163
6SE-03	69598	0.0	1.0	1.0	vein, HW side
6SE-03	69599	1.0	2.0	1.0	vein
6SE-03	69600	2.0	3.0	1.0	vein
6SE-03	69601	3.0	4.0	1.0	vein
6SE-03	69602	4.0	5.0	1.0	vein
6SE-03	69603	5.0	6.0	1.0	vein, HW side
	69604				Standard 184
6SE-04	69605	0.0	1.0	1.0	vein, HW side
6SE-04	69606	1.0	2.0	1.0	vein
6SE-04	69607	2.0	3.0	1.0	vein
6SE-04	69608	3.0	4.0	1.0	vein
6SE-04	69609	4.0	5.0	1.0	vein, FW side
6SE-05	69610	0.0	1.0	1.0	vein, HW side
	69611				Blank
6SE-05	69612	1.0	2.0	1.0	vein
6SE-05	69613	2.0	3.0	1.0	vein
6SE-05	69614	3.0	4.0	1.0	vein, FW side
6SE-06	69615	0.0	1.0	1.0	vein, HW sidE Vein appears to go 1m further towards the HW side however it is unreachable
6SE-06	69616	1.0	2.0	1.0	vein
6SE-06	69617	2.0	3.0	1.0	vein
6SE-06	69618	3.0	4.0	1.0	vein, FW side
6SE-07	69619	0.0	1.0	1.0	vein, HW side
6SE-07	69620	1.0	2.0	1.0	vein
6SE-07	69621	2.0	3.0	1.0	vein. Difficult to chip, couldn't get much sample
6SE-07	69622	3.0	4.0	1.0	original, vein, FW side
6SE-08	69623	0.0	1.0	1.0	vein, HW side
6SE-08	69624	1.0	2.0	1.0	vein
6SE-07	69625	3.0	4.0	1.0	vein, FW side, Duplicate=69622
6SE-08	69626	2.0	3.0	1.0	vein
6SE-08	69627	3.0	4.0	1.0	vein, FW side
6SE-09	69628	0.0	1.0	1.0	vein, HW side
6SE-09	69629	1.0	2.0	1.0	vein
6SE-09	69630	2.0	3.0	1.0	vein
6SE-09	69631	3.0	4.0	1.0	vein, FW side
6SE-10	69632	0.0	1.0	1.0	vein, HW side
6SE-10	69633	1.0	2.0	1.0	original, vein
	69634				Blank
6SE-10	69635	2.0	3.0	1.0	vein
6SE-10	69636	3.0	4.0	1.0	vein, FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6SE-10	69637	1.0	2.0	1.0	vein, Duplicate=69633
6SE-11	69638	0.0	1.0	1.0	vein, HW side
6SE-11	69639	1.0	2.0	1.0	vein
6SE-11	69640	2.0	3.0	1.0	vein
6SE-11	69641	3.0	4.0	1.0	vein
6SE-11	69642	4.0	5.0	1.0	FW side
	69643				Standard 145
6SE-12	69644	0.0	1.0	1.0	vein, HW side
6SE-12	69645	1.0	2.0	1.0	vein
6SE-12	69646	2.0	3.0	1.0	vein
6SE-12	69647	3.0	4.0	1.0	vein, FW side
6SE-13	69648	0.0	1.0	1.0	vein, HW side
6SE-13	69649	1.0	2.0	1.0	vein
6SE-13	69650	2.0	3.0	1.0	vein, FW side
6SE-14	69651	0.0	1.0	1.0	vein, HW side
6SE-14	69652	1.0	2.0	1.0	vein
6SE-14	69653	2.0	3.0	1.0	vein
6SE-14	69654	3.0	4.0	1.0	vein, FW side
6SE-15	69655	0.0	1.0	1.0	vein, HW side
6SE-15	69656	1.0	2.0	1.0	vein
6SE-15	69657	2.0	3.0	1.0	vein
	69658				Standard 163
6SE-15	69659	3.0	4.0	1.0	vein, FW side
6SE-16	69660	0.0	1.0	1.0	vein, HW side
6SE-16	69661	1.0	2.0	1.0	vein
6SE-16	69662	2.0	3.0	1.0	vein
6SE-16	69663	3.0	4.0	1.0	vein
6SE-16	69664	4.0	5.0	1.0	vein
6SE-16	69665	5.0	6.0	1.0	vein
	69666				Blank
6SE-16	69667	6.0	6.7	0.7	vein, FW side
6SE-17	69668	0.0	1.0	1.0	vein, HW side
6SE-17	69669	1.0	2.0	1.0	vein
6SE-17	69670	2.0	3.0	1.0	original, vein
6SE-17	69671	3.0	4.0	1.0	vein
6SE-17	69672	4.0	5.0	1.0	vein
6SE-17	69673	2.0	3.0	1.0	Duplicate=69670, vein
6SE-18	69674	0.0	1.0	1.0	vein, HW side
6SE-18	69675	1.0	2.0	1.0	vein
6SE-18	69676	2.0	3.0	1.0	vein
	69677				Blank
6SE-18	69678	3.0	4.0	1.0	vein, FW side
6SE-19	69679	0.0	1.0	1.0	vein, HW side
6SE-19	69680	1.0	2.0	1.0	vein
6SE-19	69681	2.0	3.0	1.0	vein
6SE-19	69682	3.0	4.0	1.0	vein, FW side
6SE-20	69683	0.0	1.0	1.0	vein, HW side
6SE-20	69684	1.0	2.0	1.0	vein
6SE-20	69685	2.0	3.0	1.0	vein
6SE-20	69686	3.0	4.0	1.0	vein, FW side
6SE-21	69687	0.0	1.0	1.0	vein, HW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6SE-21	69688	1.0	2.0	1.0	vein
6SE-21	69689	2.0	3.0	1.0	vein
6SE-21	69690	3.0	4.0	1.0	vein, FW side
6SE-22	69691	0.0	1.0	1.0	vein, HW side
6SE-22	69692	1.0	2.0	1.0	vein
6SE-22	69693	2.0	3.0	1.0	vein
6SE-22	69694	3.0	4.0	1.0	original, vein
6SE-22	69695	4.0	5.0	1.0	vein
6SE-22	69696	5.0	6.0	1.0	vein, FW side
	69697				Standard 121
6SE-22	69698	3.0	4.0	1.0	Duplicate=69694, vein
6SE-23	69699	0.0	1.0	1.0	vein, HW side
6SE-23	69700	1.0	2.0	1.0	vein
6SE-23	69701	2.0	3.0	1.0	vein
6SE-23	69702	3.0	4.0	1.0	vein
6SE-23	69703	4.0	5.0	1.0	vein
6SE-24	69714	0.0	1.0	1.0	vein, HW side
6SE-24	69715	1.0	2.0	1.0	vein
6SE-24	69716	2.0	3.0	1.0	vein
6SE-24	69717	3.0	4.0	1.0	vein, FW side
	69718				Standard 145
6SE-25	69719	0.0	1.0	1.0	vein, HW side
6SE-25	69720	1.0	2.0	1.0	vein
6SE-25	69721	2.0	3.0	1.0	vein
6SE-25	69722	3.0	4.0	1.0	vein, FW side
6SE-28	69723	0.0	1.0	1.0	vein, HW side
6SE-28	69724	1.0	2.0	1.0	vein
6SE-28	69725	2.0	3.0	1.0	original, vein
6SE-28	69726	3.0	4.0	1.0	vein
6SE-28	69727	4.0	5.0	1.0	vein, FW side
6SE-28	69728	2.0	3.0	1.0	Duplicate=69725, vein
6SE-29	69729	0.0	1.0	1.0	vein, HW side
6SE-29	69730	1.0	2.0	1.0	vein
6SE-29	69731	2.0	3.0	1.0	vein
6SE-29	69732	3.0	4.0	1.0	vein, FW side
6SE-30	69733	0.0	1.0	1.0	vein, HW side
6SE-30	69734	1.0	2.0	1.0	vein
6SE-30	69735	2.0	3.0	1.0	vein
	69736				Blank
6SE-30	69737	3.0	4.0	1.0	vein, FW side
6SE-30	69738	4.0	5.0	1.0	vein, HW side
6SE-31	69739	0.0	1.0	1.0	vein
6SE-31	69740	1.0	2.0	1.0	vein
6SE-31	69741	2.0	3.0	1.0	vein
6SE-31	69742	3.0	4.0	1.0	vein, FW side
6SE-32	69744	0.0	1.0	1.0	vein, HW side
6SE-32	69745	1.0	2.0	1.0	vein
6SE-32	69746	2.0	3.0	1.0	vein
	69747				Standard 121
6SE-32	69748	3.0	4.0	1.0	vein, FW side
6SE-33	69751	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6SE-33	69752	3.0	4.0	1.0	vein
6SE-33	69753	4.0	5.1	1.1	vein FW side
	69754				Blank
6SE-34	69755	0.0	1.0	1.0	vein HW side
6SE-34	69756	1.0	2.0	1.0	vein
6SE-34	69757	2.0	3.0	1.0	original, vein
6SE-34	69758	3.0	4.0	1.0	vein, FW side
6SE-34	69759	2.0	3.0	1.0	Duplicate=69757, vein
6SE-35	69760	0.0	1.0	1.0	vein
6SE-35	69761	1.0	2.0	1.0	vein
	69762				Standard 184
6SE-35	69763	2.0	3.0	1.0	vein
6SE-35	69764	3.0	4.0	1.0	vein
6SE-35	69765	4.0	4.7	0.7	vein, FW side
6M-01	69766	0.0	1.0	1.0	HW side, West wall
6M-01	69767	1.0	2.0	1.0	vein, west wall
6M-01	69768	2.0	3.0	1.0	vein, west wall
6M-01	69769	3.0	4.0	1.0	vein, west wall
6M-01	69770	4.0	5.0	1.0	vein, FW side, west wall
6M-02	69771	0.0	1.0	1.0	vein, HW side, east wall
6M-02	69772	1.0	2.0	1.0	vein, east wall
6M-02	69773	2.0	3.0	1.0	vein, east wall
6M-02	69774	3.0	4.0	1.0	vein, FW side, east wall
6N-01	69775	0.0	1.0	1.0	original, vein, HW side
6N-01	69776	1.0	2.0	1.0	original, vein
6N-01	69777	2.0	3.0	1.0	original, vein
6N-01	69778	3.0	4.0	1.0	original, vein
6N-01	69779	4.0	5.0	1.0	original, vein, FW side
6N-01	69780	0.0	1.0	1.0	Duplicate=69775, vein, HW side
	69781				Blank
6N-01	69782	1.0	2.0	1.0	Duplicate=69776, vein
6N-01	69783	2.0	3.0	1.0	Duplicate=69777, vein
6N-01	69784	3.0	4.0	1.0	Duplicate=69778, vein
6N-01	69785	4.0	5.0	1.0	Duplicate=69779, vein, FW side
6N-02	69786	0.0	1.0	1.0	vein, HW side
6N-02	69787	1.0	2.0	1.0	vein
6N-02	69788	2.0	3.0	1.0	vein
6N-02	69789	3.0	4.0	1.0	vein
	69790				Standard 163
6N-02	69791	4.0	5.0	1.0	vein
6N-02	69792	5.0	6.0	1.0	vein, FW side
6N-03	69793	0.0	1.0	1.0	vein, HW side
6N-03	69794	1.0	2.0	1.0	vein
6N-03	69795	2.0	3.0	1.0	vein
6N-03	69796	3.0	4.0	1.0	vein
6N-03	69797	4.0	5.0	1.0	vein
6N-03	69798	5.0	6.0	1.0	vein
6N-03	69799	6.0	7.0	1.0	vein, FW side
6N-04	69800	0.0	1.0	1.0	vein, HW side
6N-04	69801	1.0	2.0	1.0	vein
6N-04	69802	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
6N-04	69803	3.0	4.0	1.0	vein, FW side
6N-05	69804	0.0	1.0	1.0	vein, HW side
6N-05	69805	1.0	2.0	1.0	vein
6N-05	69806	2.0	3.0	1.0	vein
6N-05	69807	3.0	4.0	1.0	vein, FW side
6N-06	69808	0.0	1.0	1.0	vein, HW side
6N-06	69809	1.0	2.0	1.0	vein
6N-06	69810	2.0	3.0	1.0	vein
6N-06	69811	3.0	4.0	1.0	vein, FW side
	69812				Blank
6N-07	69813	0.0	1.0	1.0	vein, HW side
6N-07	69814	1.0	2.0	1.0	vein
6N-07	69815	2.0	3.0	1.0	vein
6N-07	69816	3.0	4.0	1.0	vein, FW side
6SE-26	69817	0.0	1.0	1.0	vein, South end
6SE-26	69818	1.0	2.0	1.0	vein
	69819				Standard 184
6SE-26	69820	2.0	3.0	1.0	vein
6SE-26	69821	3.0	4.0	1.0	vein
6SE-26	69822	4.0	5.0	1.0	vein, North end
6SE-27	69823	0.0	1.0	1.0	vein, North end
6SE-27	69824	1.0	2.0	1.0	vein
6SE-27	69825	2.0	3.0	1.0	vein
6SE-27	69826	3.0	4.0	1.0	vein
6SE-27	69827	4.0	5.0	1.0	vein
6SE-27	69828	5.0	6.0	1.0	vein
6SE-27	69829	6.0	7.0	1.0	vein
6SE-27	69830	7.0	8.0	1.0	vein, South end
7M-7W1-01	69831	0.0	1.0	1.0	HW side, East face
	69832				Blank
7M-7W1-01	69833	1.0	2.0	1.0	original, vein, East face
7M-7W1-01	69834	2.0	3.0	1.0	vein, East face
7M-7W1-01	69835	3.0	4.0	1.0	vein, East face
7M-7W1-01	69836	4.0	5.0	1.0	vein, East face
7M-7W1-01	69837	5.0	6.0	1.0	vein, East face
7M-7W1-01	69838	6.0	7.0	1.0	vein, East face
7M-7W1-01	69839	7.0	8.0	1.0	original, East face
7M-7W1-01	69840	8.0	9.0	1.0	FW side, East face
7M-7W1-01	69841	1.0	2.0	1.0	Duplicate=69833, vein, East face
	69842				Standard 145
7M-7W1-01	69843	7.0	8.0	1.0	Duplicate=69839, East face
7M-7W1-02	69844	0.0	1.0	1.0	vein, HW side
7M-7W1-02	69845	1.0	2.0	1.0	vein, FW side
7M-7W1-03	69846	0.0	1.0	1.0	vein, HW side
7M-7W1-03	69847	1.0	2.0	1.0	vein, FW side
7M-7W1-04	69848	0.0	1.0	1.0	vein, HW side
7M-7W1-04	69849	1.0	2.0	1.0	vein, FW side
7M-7W1-05	69850	0.0	1.0	1.0	vein, HW side
7M-7W1-05	69851	1.0	2.0	1.0	vein
7M-7W1-05	69852	2.0	3.0	1.0	vein
7M-7W1-05	69853	3.0	4.0	1.0	vein, FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7M-7W1-06	69854	0.0	1.0	1.0	vein, HW side
7M-7W1-06	69855	1.0	2.0	1.0	vein, FW side
7M-7W1-07	69856	0.0	1.0	1.0	vein, HW side
7M-7W1-07	69857	1.0	2.0	1.0	vein
7M-7W1-07	69858	2.0	3.0	1.0	vein
	69859				Blank
7M-7W1-07	69860	3.0	4.0	1.0	vein, FW side
7M-7W1-08	69861	0.0	1.0	1.0	vein, HW side
7M-7W1-08	69862	1.0	2.0	1.0	vein
7M-7W1-08	69863	2.0	3.0	1.0	vein, FW side
7M-7W1-09	69864	0.0	1.0	1.0	vein, HW side
7M-7W1-09	69865	1.0	2.0	1.0	vein
7M-7W1-09	69866	2.0	3.0	1.0	vein
7M-7W1-09	69867	3.0	4.0	1.0	vein, FW side
7M-7W1-10	69868	0.0	1.0	1.0	vein, HW side
7M-7W1-10	69869	1.0	2.0	1.0	vein
	69870				Standard 121
7M-7W1-10	69871	2.0	3.0	1.0	vein
7M-7W1-10	69872	3.0	4.0	1.0	vein, FW side
7M-7W1-11	69873	0.0	1.0	1.0	vein, HW side
7M-7W1-11	69874	1.0	2.0	1.0	vein
7M-7W1-11	69875	2.0	3.0	1.0	vein
7M-7W1-11	69876	3.0	4.0	1.0	vein, FW side
7M-7W1-12	69877	0.0	1.0	1.0	vein, HW side
7M-7W1-12	69878	1.0	2.0	1.0	vein
7M-7W1-12	69879	2.0	3.0	1.0	vein
7M-7W1-12	69880	3.0	4.0	1.0	vein, FW side
7M-7W1-13	69881	0.0	1.0	1.0	vein, HW side
	69882				Blank
7M-7W1-13	69883	1.0	2.0	1.0	vein
7M-7W1-13	69884	2.0	3.0	1.0	vein, FW side
7M-7W1_S-04	69885	0.0	1.0	1.0	vein, HW side
7M-7W1_S-04	69886	1.0	2.0	1.0	original, vein
7M-7W1_S-04	69887	2.0	3.0	1.0	original, vein
7M-7W1_S-04	69888	3.0	4.0	1.0	vein
7M-7W1_S-04	69889	4.0	5.0	1.0	vein, FW side
	69890				Standard 163
7M-7W1_S-04	69891	1.0	2.0	1.0	Duplicate 69886-vein
7M-7W1_S-04	69892	2.0	3.0	1.0	Duplicate 69887-vein
7M-7W1_S-03	69893	0.0	1.0	1.0	vein, HW side
7M-7W1_S-03	69894	1.0	2.0	1.0	vein
7M-7W1_S-03	69895	2.0	3.0	1.0	vein, FW side
7M-7W1_S-02	69896	0.0	1.0	1.0	vein, HW side
7M-7W1_S-02	69897	1.0	2.0	1.0	vein
7M-7W1_S-02	69898	2.0	3.0	1.0	vein
7M-7W1_S-02	69899	3.0	4.0	1.0	vein, FW side
7M-7W1_S-01	69900	0.0	1.0	1.0	vein, HW side
BR1-91	69901	323.7	324.6	0.9	
BR1-92	69902	176.2	177.4	1.2	coarse rejects duplicate of 1086
BR1-92	69903	176.2	177.4	1.2	original
BR1-94/95	69904	139.6	140.8	1.2	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BR2-91	69905	286.2	286.8	0.6	
BR2-92	69906	370.9	371.9	0.9	
	69907				blank
BR3-92	69908	301.8	302.1	0.3	
BR3-92	69909	415.1	416.1	0.9	
BR4-82	69910	241.1	241.4	0.3	
BR4-82	69911	274.0	275.2	1.2	
BR4-82	69912	353.6	354.2	0.6	
BR4-82	69913	359.4	360.1	0.8	
BR5-90	69914	219.2	219.8	0.6	very small sample (only 1 reject bag found, I.e. no A, B, C, D)
BR5-91	69915	204.8	205.4	0.6	
BR11-90	69916	104.2	104.5	0.3	very small sample (only 1 reject bag found, I.e. no A, B, C, D)
BR11-90	69917	399.9	400.5	0.6	
BR12-90	69918	218.2	218.8	0.6	
	69919				standard 184
BR12-90	69920	303.6	304.2	0.6	
BR12-90	69921	312.7	313.0	0.3	
BR12-90	69922	458.7	459.5	0.8	
BRU99-03	69923	51.2	53.0	1.8	
BRU99-02	69924	5.0	5.6	0.6	
BRU99-07	69925	163.1	164.6	1.5	
BRU99-07	69926	180.1	181.7	1.5	
BRU99-23	69927	108.9	109.9	0.9	
BRU99-23	69928	66.4	67.7	1.2	
BRU99-23	69929	132.9	134.4	1.5	
BRU99-24	69930	15.8	16.6	0.8	
BRU99-24	69931	117.0	118.6	1.5	
BRU99-24	69932	98.3	99.9	1.6	
BRU99-25	69933	100.3	101.8	1.5	
	69934				standard 121
BRU99-25	69935	123.4	124.7	1.2	
BRU99-26	69936	89.3	89.9	0.6	
BRU99-26	69937	93.0	94.3	1.3	
98-9L	69938	192.9	193.9	0.9	
BRU99-07	69939	436.9	438.4	1.5	
BRU99-07	69940	435.3	436.9	1.5	
BRU99-07	69941	438.4	439.9	1.5	
BRU99-07	69942	442.3	443.8	1.5	
BRU99-07	69943	445.2	446.5	1.4	
	69944				blank
BRU99-07	69945	453.6	455.4	1.7	
BRU99-07	69946	443.8	445.2	1.4	
BRU99-32	69947	30.5	32.2	1.7	
BRU99-32	69948	47.2	48.1	0.9	
BRU99-32	69949	45.3	47.2	2.0	
BRU99-32	69950	40.7	42.4	1.7	
7M-7W1_S-01	69951	1.0	2.0	1.0	vein
7M-7W1_S-01	69952	2.0	3.0	1.0	vein, FW side
7N-01	69953	0.0	1.0	1.0	vein, HW side
7N-01	69954	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7N-01	69955	2.0	3.0	1.0	vein
7N-01	69956	3.0	4.0	1.0	vein
7N-01	69957	4.0	5.0	1.0	vein
7N-01	69958	5.0	6.0	1.0	vein
7N-01	69959	6.0	7.0	1.0	original, vein
	69960				Blank
7N-01	69961	7.0	8.0	1.0	vein
7N-01	69962	8.0	9.0	1.0	vein
	69963				Standard 163
7N-01	69964	9.0	10.0	1.0	original, vein
7N-01	69965	10.0	11.0	1.0	vein
7N-01	69966	11.0	12.0	1.0	vein
7N-01	69967	12.0	13.0	1.0	vein
7N-01	69968	13.0	14.0	1.0	vein
7N-01	69969	14.0	15.0	1.0	vein
7N-01	69970	15.0	16.0	1.0	vein
7N-01	69971	16.0	17.0	1.0	vein, FW side
7N-03	69972	0.0	1.0	1.0	vein, HW side
7N-03	69973	1.0	2.0	1.0	vein
7N-03	69974	2.0	3.0	1.0	original, vein
7N-03	69975	3.0	4.0	1.0	vein
7N-03	69976	4.0	5.0	1.0	vein
7N-03	69977	5.0	6.0	1.0	vein
	69978				Blank
7N-03	69979	6.0	7.0	1.0	vein, FW side
7N-01	69980	6.0	7.0	1.0	Duplicate 69959-vein
7N-01	69981	9.0	10.0	1.0	Duplicate 69964-vein
7N-03	69982	2.0	3.0	1.0	Duplicate 69974-vein
7N-02	69983	0.0	1.0	1.0	vein, HW side
7N-02	69984	1.0	2.0	1.0	vein
7N-02	69985	2.0	3.0	1.0	vein
7N-02	69986	3.0	4.0	1.0	vein, FW side
7N-04	69987	0.0	1.0	1.0	vein, HW side
7N-04	69988	1.0	2.0	1.0	vein
7N-04	69989	2.0	3.0	1.0	vein
7N-04	69990	3.0	4.0	1.0	vein, FW side
7N-05	69991	0.0	1.0	1.0	vein, HW side
7N-05	69992	1.0	2.0	1.0	vein
7N-05	69993	2.0	3.0	1.0	vein, FW side
	69994				Standard 184
7N-06	69995	0.0	1.0	1.0	vein, HW side
7N-06	69996	1.0	2.0	1.0	vein
7N-06	69997	2.0	3.0	1.0	vein, FW side
7N-07	69998	0.0	1.0	1.0	vein, HW side
7N-07	69999	1.0	2.0	1.0	vein
7N-07	70000	2.0	3.0	1.0	vein, FW side
BRU06-33	70004	0.0	0.0	0.0	Duplicate 70001, TM sample # 176381
BRU09-09	70126	459.8	461.1	1.4	TM sample #176369
7N-08	70503	0.0	1.0	1.0	vein, HW side
7N-08	70504	1.0	2.0	1.0	vein
7N-08	70505	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7N-08	70506	3.0	4.0	1.0	vein
	70507				Blank
7N-08	70508	4.0	5.0	1.0	vein
7N-08	70509	5.0	6.0	1.0	vein
7N-08	70510	6.0	7.0	1.0	vein, FW side
7N-09	70511	0.0	1.0	1.0	vein
7N-09	70512	1.0	2.0	1.0	vein
7N-09	70513	2.0	3.0	1.0	vein
7N-09	70514	3.0	4.0	1.0	vein
7N-09	70515	4.0	5.0	1.0	vein, FW side
	70516				Standard 184
7N-10	70517	0.0	1.0	1.0	vein, HW side
7N-10	70518	1.0	2.0	1.0	vein
7N-10	70519	2.0	3.0	1.0	vein
7N-10	70520	3.0	4.0	1.0	vein
7N-10	70521	4.0	5.0	1.0	vein, FW side
7N-11	70522	0.0	1.0	1.0	vein, HW side
7N-11	70523	1.0	2.0	1.0	vein
7N-11	70524	2.0	3.0	1.0	vein
7N-11	70525	3.0	4.0	1.0	vein
7N-11	70526	4.0	5.0	1.0	vein, FW side
7N-12	70527	0.0	1.0	1.0	vein, HW side
7N-12	70528	1.0	2.0	1.0	vein
7N-12	70529	2.0	3.0	1.0	vein
7N-12	70530	3.0	4.0	1.0	vein
7N-12	70531	4.0	5.0	1.0	vein, FW side
7E1S-04	70532	0.0	1.0	1.0	vein, HW side
7E1S-04	70533	1.0	2.0	1.0	vein
7E1S-04	70534	2.0	3.0	1.0	vein
7E1S-04	70535	3.0	4.0	1.0	vein, FW side
7E1S-03	70536	0.0	1.0	1.0	vein, HW side
7E1S-03	70537	1.0	2.0	1.0	vein
7E1S-03	70538	2.0	3.0	1.0	vein
	70539				Blank
7E1S-03	70540	3.0	4.0	1.0	vein, FW side
7E1S-02	70541	0.0	1.0	1.0	vein, HW side
7E1S-02	70542	1.0	2.0	1.0	vein
7E1S-02	70543	2.0	3.0	1.0	vein
7E1S-02	70544	3.0	4.0	1.0	vein, FW side
	70545				Standard 145
7E1S-01	70546	0.0	1.0	1.0	vein, HW side
7E1S-01	70547	1.0	2.0	1.0	vein
7E1S-01	70548	2.0	3.0	1.0	vein
7E1S-01	70549	3.0	4.0	1.0	vein, FW side
7E1S-05	70550	0.0	1.0	1.0	original, vein, HW side
7E1S-05	70551	1.0	2.0	1.0	original, vein
7E1S-05	70552	2.0	3.0	1.0	vein
7E1S-05	70553	3.0	4.0	1.0	vein
7E1S-05	70554	4.0	5.0	1.0	vein, FW side
7E1S-05	70555	0.0	1.0	1.0	Duplicate 70550- vein HW side
7E1S-05	70556	1.0	2.0	1.0	Duplicate 70551-vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7W1-7W4-03	70557	0.0	1.0	1.0	vein, HW side
7W1-7W4-03	70558	1.0	2.0	1.0	vein
7W1-7W4-03	70559	2.0	3.0	1.0	vein
7W1-7W4-03	70560	3.0	4.0	1.0	vein
7W1-7W4-03	70561	4.0	5.0	1.0	vein
	70562				Blank
7W1-7W4-03	70563	5.0	6.0	1.0	vein
7W1-7W4-03	70564	6.0	7.0	1.0	original, vein
7W1-7W4-03	70565	7.0	8.0	1.0	vein
	70566				Standard 121
7W1-7W4-03	70567	8.0	9.0	1.0	vein
7W1-7W4-03	70568	9.0	10.0	1.0	original, vein
7W1-7W4-03	70569	10.0	11.0	1.0	original, vein
7W1-7W4-03	70570	11.0	12.0	1.0	original, vein
7W1-7W4-03	70571	12.0	13.0	1.0	vein, FW side
7W1-7W4-03	70572	6.0	7.0	1.0	Duplicate 70564-vein
7W1-7W4-03	70573	9.0	10.0	1.0	Duplicate 70568-vein
7W1-7W4-03	70574	10.0	11.0	1.0	Duplicate 70569-vein
7W1-7W4-03	70575	11.0	12.0	1.0	Duplcate 70570-vein
7W1-7W4-02	70576	0.0	1.0	1.0	vein, HW side
7W1-7W4-02	70577	1.0	2.0	1.0	original, vein
7W1-7W4-02	70578	2.0	3.0	1.0	vein
7W1-7W4-02	70579	3.0	4.0	1.0	vein, FW side
	70580				Blank
7W1-7W4-02	70581	1.0	2.0	1.0	duplicate 70577-vein
7W1-7W4-01	70582	0.0	1.0	1.0	vein, HW side
7W1-7W4-01	70583	1.0	2.0	1.0	vein
7W1-7W4-01	70584	2.0	3.0	1.0	vein
7W1-7W4-01	70585	3.0	4.0	1.0	vein
7W1-7W4-01	70586	4.0	5.0	1.0	vein
7W1-7W4-01	70587	5.0	6.0	1.0	vein, FW side
7W1-7W4-04	70588	0.0	1.0	1.0	vein, HW side
7W1-7W4-04	70589	1.0	2.0	1.0	vein
7W1-7W4-04	70590	2.0	3.0	1.0	vein
7W1-7W4-04	70591	3.0	4.0	1.0	vein
	70592				Standard 145
7W1-7W4-04	70593	4.0	5.0	1.0	vein, FW side
7W1-7W4-05	70594	0.0	1.0	1.0	vein, HW side
7W1-7W4-05	70595	1.0	2.0	1.0	vein
7W1-7W4-05	70596	2.0	3.0	1.0	vein
7W1-7W4-05	70597	3.0	4.0	1.0	vein, FW side
7W1-7W4-06	70598	0.0	1.0	1.0	vein, HW side
7W1-7W4-06	70599	1.0	2.0	1.0	vein
7W1-7W4-06	70600	2.0	3.0	1.0	vein, FW side
7W1-7W4-07	70601	0.0	1.0	1.0	vein HW side
7W1-7W4-07	70602	1.0	2.0	1.0	vein
7W1-7W4-07	70603	2.0	3.0	1.0	vein FW side
7W1-7W4-08	70604	0.0	1.0	1.0	vein HW side
7W1-7W4-08	70605	1.0	2.0	1.0	vein
7W1-7W4-08	70606	2.0	3.0	1.0	vein
7W1-7W4-08	70607	3.0	4.0	1.0	vein FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7W1-7W4-10	70608	0.0	1.0	1.0	original, vein HW side
	70609				Blank
7W1-7W4-10	70610	1.0	2.0	1.0	vein
7W1-7W4-10	70611	2.0	3.0	1.0	original, vein
7W1-7W4-10	70612	3.0	4.0	1.0	vein
7W1-7W4-10	70613	4.0	5.0	1.0	vein
7W1-7W4-10	70614	5.0	6.0	1.0	vein FW side
7W1-7W4-10	70615	0.0	1.0	1.0	Duplicate 70608- vein HW side
7W1-7W4-10	70616	2.0	3.0	1.0	Duplicate 70611- vein
7W1-7W4-09	70617	0.0	1.0	1.0	vein HW side
7W1-7W4-09	70618	1.0	2.0	1.0	vein
7W1-7W4-09	70619	2.0	3.0	1.0	vein
7W1-7W4-09	70620	3.0	4.0	1.0	vein FW side
	70621				Standard 184
7W1-7W4-11	70622	0.0	1.0	1.0	vein HW side
7W1-7W4-11	70623	1.0	2.0	1.0	vein
7W1-7W4-11	70624	2.0	3.0	1.0	vein
7W1-7W4-11	70625	3.0	4.0	1.0	vein
7W1-7W4-11	70626	4.0	5.0	1.0	vein FW side
7W1-7W4-12	70627	0.0	1.0	1.0	vein HW side
7W1-7W4-12	70628	1.0	2.0	1.0	vein
7W1-7W4-12	70629	2.0	3.0	1.0	vein FW side
7W1-7W4-13	70630	0.0	1.0	1.0	vein HW side
7W1-7W4-13	70631	1.0	2.0	1.0	vein
	70632				Blank
7W1-7W4-13	70633	2.0	2.7	0.7	vein FW side
7W1-7W4-14	70634	0.0	1.0	1.0	vein HW side
7W1-7W4-14	70635	1.0	2.0	1.0	vein FW side
7W1-7W4-15	70636	0.0	1.0	1.0	vein HW side
7W1-7W4-15	70637	1.0	2.0	1.0	vein
7W1-7W4-15	70638	2.0	3.0	1.0	vein FW side
7W1-7W4-16	70639	0.0	1.0	1.0	vein HW side
7W1-7W4-16	70640	1.0	2.0	1.0	vein
7W1-7W4-16	70641	2.0	3.0	1.0	vein FW side
7W1-7W4-17	70642	0.0	1.0	1.0	vein HW side
7W1-7W4-17	70643	1.0	2.0	1.0	vein FW side
7W1-7W4-18	70644	0.0	1.0	1.0	vein HW side
	70645				Standard 145
7W1-7W4-18	70646	1.0	2.0	1.0	vein
7W1-7W4-18	70647	2.0	3.0	1.0	vein
7W1-7W4-18	70648	3.0	4.0	1.0	vein FW side
7W1-7W4-19	70649	0.0	1.0	1.0	vein HW side
7W1-7W4-19	70650	1.0	2.0	1.0	original, vein
7W1-7W4-19	70651	2.0	3.0	1.0	vein
7W1-7W4-19	70652	3.0	4.0	1.0	vein
7W1-7W4-19	70653	4.0	5.0	1.0	original, vein
7W1-7W4-19	70654	5.0	6.0	1.0	vein
7W1-7W4-19	70655	6.0	7.0	1.0	FW side- vein + metaseds
7W1-7W4-19	70656	1.0	2.0	1.0	vein Duplicate = 70650
7W1-7W4-19	70657	4.0	5.0	1.0	vein, Duplicate = 70653
	70658				Blank

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7W1-7W4-20	70659	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-20	70660	1.0	2.0	1.0	vein
7W1-7W4-20	70661	2.0	3.0	1.0	vein
7W1-7W4-20	70662	3.0	4.0	1.0	vein
7W1-7W4-20	70663	4.0	5.0	1.0	vein
7W1-7W4-20	70664	5.0	6.0	1.0	vein FW side
7W1-7W4-21	70665	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-21	70666	1.0	2.0	1.0	vein
7W1-7W4-21	70667	2.0	3.0	1.0	vein
7W1-7W4-21	70668	3.0	4.0	1.0	vein
7W1-7W4-21	70669	4.0	5.0	1.0	vein
	70670				Standard 163
7W1-7W4-21	70671	5.0	6.0	1.0	vein FW side
7W1-7W4-22	70673	0.0	1.0	1.0	HW side
7W1-7W4-22	70674	1.0	2.0	1.0	vein
7W1-7W4-22	70675	2.0	3.0	1.0	vein
7W1-7W4-22	70676	3.0	4.0	1.0	vein
7W1-7W4-22	70677	4.0	5.0	1.0	FW side
7W1-7W4-23	70678	0.0	1.0	1.0	HW side
7W1-7W4-23	70679	1.0	2.0	1.0	vein
7W1-7W4-23	70680	2.0	3.0	1.0	vein
7W1-7W4-23	70681	3.0	4.0	1.0	vein FW side- Rick broke lg rocks with chisel
	70682				Blank
7W1-7W4-24	70683	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-24	70684	1.0	2.0	1.0	vein
7W1-7W4-24	70685	2.0	3.0	1.0	vein
7W1-7W4-24	70686	3.0	4.0	1.0	vein FW side
7W1-7W4-25	70687	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-25	70688	1.0	2.0	1.0	vein + metaseds
7W1-7W4-25	70689	2.0	3.0	1.0	vein + metaseds
7W1-7W4-25	70690	3.0	4.0	1.0	vein + metaseds
7W1-7W4-25	70691	4.0	5.0	1.0	FW side- vein + metaseds
7W1-7W4-26	70692	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-26	70693	1.0	2.0	1.0	vein
7W1-7W4-26	70694	2.0	3.0	1.0	vein
	70695				Standard 121
7W1-7W4-26	70696	3.0	4.0	1.0	vein
7W1-7W4-26	70697	4.0	5.0	1.0	FW side- vein + metaseds
7W1-7W4-27	70698	0.0	1.0	1.0	vein HW side
7W1-7W4-27	70699	1.0	2.0	1.0	vein + metaseds
7W1-7W4-27	70700	2.0	3.0	1.0	vein + metaseds
7W1-7W4-27	70701	3.0	4.0	1.0	vein FW side
7W1-7W4-28	70702	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-28	70703	1.0	2.0	1.0	vein
7W1-7W4-28	70704	2.0	3.0	1.0	vein
7W1-7W4-28	70705	3.0	4.0	1.0	vein
7W1-7W4-28	70706	4.0	5.0	1.0	vein
7W1-7W4-28	70707	5.0	6.0	1.0	FW side- vein + metaseds
7W1-7W4-29	70708	0.0	1.0	1.0	original, HW side- vein + metaseds
7W1-7W4-29	70709	1.0	2.0	1.0	vein
7W1-7W4-29	70710	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	70711				Blank
7W1-7W4-29	70712	3.0	4.0	1.0	vein
7W1-7W4-29	70713	4.0	5.0	1.0	vein FW side
7W1-7W4-29	70714	0.0	1.0	1.0	vein, Duplicate = 70708
7W1-7W4-30	70715	0.0	1.0	1.0	vein HW side
7W1-7W4-30	70716	1.0	2.0	1.0	vein
7W1-7W4-30	70717	2.0	3.0	1.0	vein
	70718				Standard 184
7W1-7W4-30	70719	3.0	4.0	1.0	vein FW side
7W1-7W4-31	70720	0.0	1.0	1.0	vein HW side
7W1-7W4-31	70721	1.0	2.0	1.0	vein
7W1-7W4-31	70722	2.0	3.0	1.0	vein
7W1-7W4-31	70723	3.0	4.0	1.0	vein
7W1-7W4-31	70724	4.0	5.0	1.0	FW side- vein + metaseds
7W1-7W4-32	70725	0.0	1.0	1.0	vein HW side
7W1-7W4-32	70726	1.0	2.0	1.0	vein
7W1-7W4-32	70727	2.0	3.0	1.0	vein
7W1-7W4-32	70728	3.0	4.0	1.0	vein
7W1-7W4-32	70729	4.0	5.0	1.0	vein FW side
7W1-7W4-33	70730	0.0	1.0	1.0	vein HW side
7W1-7W4-33	70731	1.0	2.0	1.0	vein
7W1-7W4-33	70732	2.0	3.0	1.0	vein
	70733				Blank
7W1-7W4-33	70734	3.0	4.0	1.0	vein
7W1-7W4-33	70735	4.0	5.0	1.0	vein FW side
7W1-7W4-34	70736	0.0	1.0	1.0	vein HW side
7W1-7W4-34	70737	1.0	2.0	1.0	vein
7W1-7W4-34	70738	2.0	3.0	1.0	vein
7W1-7W4-34	70739	3.0	4.0	1.0	vein
7W1-7W4-34	70740	4.0	5.0	1.0	vein FW side
7W1-7W4-35	70741	0.0	1.0	1.0	vein HW side
7W1-7W4-35	70742	1.0	2.0	1.0	vein
	70743				Standard 121
7W1-7W4-35	70744	2.0	3.0	1.0	vein
7W1-7W4-35	70745	3.0	4.0	1.0	vein
7W1-7W4-35	70746	4.0	5.0	1.0	vein FW side
7W1-7W4-36	70747	0.0	1.0	1.0	vein HW side
7W1-7W4-36	70748	1.0	2.0	1.0	vein
7W1-7W4-36	70749	2.0	3.0	1.0	vein
7W1-7W4-36	70750	3.0	4.3	1.3	vein FW side
7W1-7W4-37	70751	0.0	1.0	1.0	vein HW side
7W1-7W4-37	70752	1.0	2.0	1.0	vein
7W1-7W4-37	70753	2.0	3.0	1.0	vein
7W1-7W4-37	70754	3.0	4.0	1.0	vein FW side
7W1-7W4-39	70755	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-39	70756	1.0	2.0	1.0	original, vein
7W1-7W4-39	70757	2.0	3.0	1.0	FW side- vein + metaseds
	70758				Blank
7W1-7W4-39	70759	1.0	2.0	1.0	vein, Duplicate = 70756
7W1-7W4-40	70760	0.0	1.0	1.0	HW side- vein + metaseds
7W1-7W4-40	70761	1.0	2.0	1.0	FW side- vein + metaseds

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7W1-7W4-38	70762	0.0	1.0	1.0	vein HW side
7W1-7W4-38	70763	1.0	2.0	1.0	vein
7W1-7W4-38	70764	2.0	3.0	1.0	vein
7W1-7W4-38	70765	3.0	4.0	1.0	vein
7W1-7W4-38	70766	4.0	5.0	1.0	FW side
7W1-7W4-41	70767	0.0	1.0	1.0	vein HW side
	70768				Standard 163
7W1-7W4-41	70769	1.0	2.0	1.0	vein
7W1-7W4-41	70770	2.0	3.0	1.0	vein
7W1-7W4-41	70771	3.0	4.0	1.0	vein FW side
7W1-7W4-42	70772	0.0	1.0	1.0	vein HW side
7W1-7W4-42	70773	1.0	2.0	1.0	vein
7W1-7W4-42	70774	2.0	3.0	1.0	vein
7W1-7W4-42	70775	3.0	4.0	1.0	vein FW side
7W1-7W4-43	70776	0.0	1.0	1.0	vein HW side
7W1-7W4-43	70777	1.0	2.0	1.0	vein
7W1-7W4-43	70778	2.0	3.0	1.0	vein
7W1-7W4-43	70779	3.0	4.0	1.0	vein FW side
7W1-7W4-44	70780	0.0	1.0	1.0	vein HW side
7W1-7W4-44	70781	1.0	2.0	1.0	vein
	70782				Blank
7W1-7W4-44	70783	2.0	3.0	1.0	vein
7W1-7W4-44	70784	3.0	4.0	1.0	vein FW side
7W1-7M_S-01	70785	0.0	1.0	1.0	HW side
7W1-7M_S-01	70786	1.0	2.0	1.0	vein
7W1-7M_S-01	70787	2.0	3.0	1.0	vein
7W1-7M_S-01	70788	3.0	4.0	1.0	vein
7W1-7M_S-01	70789	4.0	5.0	1.0	vein FW side
7W1-7M_S-02	70790	0.0	1.0	1.0	vein HW side
7W1-7M_S-02	70791	1.0	2.0	1.0	vein
7W1-7M_S-02	70792	2.0	3.0	1.0	vein
7W1-7M_S-02	70793	3.0	4.0	1.0	vein
7W1-7M_S-02	70794	4.0	5.0	1.0	vein FW side
	70795				Standard 145
7W1-7M_S-03	70796	0.0	1.0	1.0	vein HW side
7W1-7M_S-03	70797	1.0	2.0	1.0	vein
7W1-7M_S-03	70798	2.0	3.0	1.0	vein
7W1-7M_S-03	70799	3.0	4.0	1.0	vein
7W1-7M_S-03	70800	4.0	5.0	1.0	vein FW side
7W1-7M_S-04	70801	0.0	1.0	1.0	vein HW side
7W1-7M_S-04	70802	1.0	2.0	1.0	vein
7W1-7M_S-04	70803	2.0	3.0	1.0	vein
7W1-7M_S-04	70804	3.0	4.0	1.0	vein
7W1-7M_S-04	70805	4.0	5.4	1.4	vein FW side
7W1-7M_S-05	70806	0.0	1.0	1.0	vein HW side
7W1-7M_S-05	70807	1.0	2.0	1.0	vein
7W1-7M_S-05	70808	2.0	3.0	1.0	vein
	70809				Blank
7W1-7M_S-05	70810	3.0	4.0	1.0	vein
7W1-7M_S-05	70811	4.0	5.0	1.0	vein FW side
7W1-7M_S-06	70812	0.0	1.0	1.0	vein HW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
7W1-7M_S-06	70813	1.0	2.0	1.0	vein
7W1-7M_S-06	70814	2.0	3.0	1.0	vein
7W1-7M_S-06	70815	3.0	4.0	1.0	vein
7W1-7M_S-06	70816	4.0	5.0	1.0	vein FW side
7W1-7M_S-07	70817	0.0	1.0	1.0	vein HW side
7W1-7M_S-07	70818	1.0	2.0	1.0	vein
7W1-7M_S-07	70819	2.0	3.0	1.0	vein
7W1-7M_S-07	70820	3.0	4.0	1.0	vein
	70821				Standard 145
7W1-7M_S-07	70822	4.0	5.0	1.0	vein FW side
7W1-7M_S-08	70823	0.0	1.0	1.0	vein HW side
7W1-7M_S-08	70824	1.0	2.0	1.0	vein
7W1-7M_S-08	70825	2.0	3.0	1.0	vein
7W1-7M_S-08	70826	3.0	4.0	1.0	vein
7W1-7M_S-08	70827	4.0	5.0	1.0	vein
7W1-7M_S-08	70828	5.0	6.0	1.0	vein
7W1-7M_S-08	70829	6.0	7.0	1.0	vein
7W1-7M_S-08	70830	7.0	8.0	1.0	vein
7W1-7M_S-08	70831	8.0	9.0	1.0	vein
7W1-7M_S-08	70832	9.0	10.0	1.0	vein FW side
7W1-7M_S-10	70833	0.0	1.0	1.0	vein "HW" side (S-Side)
7W1-7M_S-10	70834	1.0	2.0	1.0	vein
7W1-7M_S-10	70835	2.0	3.0	1.0	vein
	70836				Blank
7W1-7M_S-10	70837	3.0	4.0	1.0	vein "FW" side (N-side)
7W1-7M_S-09	70838	0.0	1.2	1.2	vein
5M-01	70839	0.0	1.0	1.0	original, vein HW side
5M-01	70840	1.0	2.0	1.0	original, vein
5M-01	70841	2.0	3.0	1.0	vein
5M-01	70842	3.0	4.0	1.0	vein
5M-01	70843	4.0	5.0	1.0	vein
5M-01	70844	5.0	6.0	1.0	vein
5M-01	70845	6.0	7.0	1.0	vein
5M-01	70846	7.0	8.0	1.0	vein FW side
	70847				Standard 163
5M-01	70848	0.0	1.0	1.0	vein HW side, Duplicate = 70839
5M-01	70849	1.0	2.0	1.0	vein, Duplicate = 70840
5W1SW-02	70850	0.0	1.0	1.0	original, vein "HW" side (S-Side)
5W1SW-02	70851	1.0	2.0	1.0	vein
5W1SW-02	70852	2.0	3.0	1.0	vein
5W1SW-02	70853	3.0	4.0	1.0	vein
5W1SW-02	70854	4.0	5.0	1.0	original, vein
5W1SW-02	70855	5.0	6.0	1.0	vein "FW" side (N-side)
5W1SW-02	70856	0.0	1.0	1.0	vein "HW" side (S-Side), Duplicate = 70850
5W1SW-02	70857	4.0	5.0	1.0	vein, Duplicate = 70854
	70858				Blank
5W1SW-01	70859	0.0	1.0	1.0	vein "HW" side (S-Side)
5W1SW-01	70860	1.0	2.0	1.0	vein
5W1SW-01	70861	2.0	3.0	1.0	original, vein
5W1SW-01	70862	3.0	4.0	1.0	original, vein "FW" side (N-side)
5W1SW-01	70863	2.0	3.0	1.0	vein, duplicate = 70861

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W1SW-01	70864	3.0	4.0	1.0	vein "FW" side (N-side), duplicate = 70862
5W1SW-03	70865	0.0	1.0	1.0	vein "HW" side (S-Side)
5W1SW-03	70866	1.0	2.0	1.0	vein "FW" side (N-side)
5W2-5W3N-01	70867	0.0	1.0	1.0	vein "HW" side (S-Side)
5W2-5W3N-01	70868	1.0	2.0	1.0	vein
5W2-5W3N-01	70869	2.0	3.0	1.0	vein "FW" side (N-side)
5W2-5W3N-02	70870	0.0	1.0	1.0	vein HW side
5W2-5W3N-02	70871	1.0	2.0	1.0	vein
5W2-5W3N-02	70872	2.0	3.0	1.0	vein
	70873				Standard 121
5W2-5W3N-02	70874	3.0	4.0	1.0	vein FW side
5W2-5W3N-03	70875	0.0	1.0	1.0	vein HW side
5W2-5W3N-03	70876	1.0	2.0	1.0	vein
5W2-5W3N-03	70877	2.0	3.0	1.0	vein
5W2-5W3N-03	70878	3.0	4.0	1.0	vein FW side
5W2-5W3N-04	70879	0.0	1.0	1.0	vein HW side
5W2-5W3N-04	70880	1.0	2.0	1.0	vein
5W2-5W3N-04	70881	2.0	3.0	1.0	vein
5W2-5W3N-04	70882	3.0	4.0	1.0	vein
5W2-5W3N-05	70883	0.0	1.0	1.0	vein HW side
5W2-5W3N-05	70884	1.0	2.0	1.0	vein
5W2-5W3N-05	70885	2.0	3.0	1.0	vein FW side
	70886				Blank
5W2-5W3N-06	70887	0.0	1.0	1.0	vein
5W2C-01	70888	0.0	1.0	1.0	vein HW side
5W2C-01	70889	1.0	2.0	1.0	vein
5W2C-01	70890	2.0	3.0	1.0	vein
5W2C-01	70891	3.0	4.0	1.0	vein
5W2C-01	70892	4.0	5.0	1.0	vein
5W2C-01	70893	5.0	6.0	1.0	vein FW side
5W2C-02	70894	0.0	1.0	1.0	vein HW side
5W2C-02	70895	1.0	2.0	1.0	vein
5W2C-02	70896	2.0	3.0	1.0	vein
	70897				Standard 184
5W2C-02	70898	3.0	4.0	1.0	vein
5W2C-02	70899	4.0	5.0	1.0	vein FW side
5W2C-03	70900	0.0	1.0	1.0	vein, HW side, moved 2 m fom S wall
5W2C-03	70901	1.0	2.0	1.0	vein
5W2C-03	70902	2.0	3.0	1.0	vein FW side
5W2C-04	70903	0.0	1.0	1.0	vein HW side
5W2C-04	70904	1.0	2.0	1.0	vein
5W2C-04	70905	2.0	3.0	1.0	vein
5W2C-04	70906	3.0	4.0	1.0	vein
5W2C-04	70907	4.0	5.0	1.0	vein FW side
5W2C-05	70908	0.0	1.0	1.0	vein HW side
5W2C-05	70909	1.0	2.0	1.0	vein
5W2C-05	70910	2.0	3.0	1.0	vein
5W2C-05	70911	3.0	4.0	1.0	vein
	70912				Blank
5W2C-05	70913	4.0	5.0	1.0	vein FW side
5W2XC-01	70914	0.0	1.0	1.0	vein HW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W2XC-01	70915	1.0	2.0	1.0	vein
5W2XC-01	70916	2.0	3.0	1.0	vein FW side
5W2C-06	70917	0.0	1.0	1.0	vein HW side
5W2C-06	70918	1.0	2.0	1.0	vein
5W2C-06	70919	2.0	3.0	1.0	vein
5W2C-06	70920	3.0	4.0	1.0	vein
5W2C-06	70921	4.0	5.0	1.0	vein FW side
	70922				Standard 163
5W2C-07	70923	0.0	1.0	1.0	vein HW side
5W2C-07	70924	1.0	2.0	1.0	vein
5W2C-07	70925	2.0	3.0	1.0	vein
5W2C-07	70926	3.0	4.0	1.0	vein FW side
5W2C-08	70927	0.0	1.0	1.0	vein HW side
5W2C-08	70928	1.0	2.0	1.0	vein
5W2C-08	70929	2.0	3.0	1.0	vein FW side
5W2C-09	70930	0.0	1.0	1.0	vein HW side
5W2C-09	70931	1.0	2.0	1.0	vein
	70932				Blank
5W2C-09	70933	2.0	3.0	1.0	vein FW side
5W2C-10	70934	0.0	1.0	1.0	vein HW side
5W2C-10	70935	1.0	2.0	1.0	vein
5W2C-10	70936	2.0	3.0	1.0	vein
5W2C-10	70937	3.0	4.0	1.0	vein FW side
5W2C-11	70938	0.0	1.0	1.0	vein HW side
5W2C-11	70939	1.0	2.0	1.0	vein
	70940				Standard 145
5W2C-11	70941	2.0	3.0	1.0	vein
5W2C-11	70942	3.0	4.0	1.0	vein
5W2C-11	70943	4.0	5.0	1.0	vein FW side
5W2C-12	70944	0.0	1.0	1.0	vein HW side
5W2C-12	70945	1.0	2.0	1.0	vein
5W2C-12	70946	2.0	3.0	1.0	vein FW side
5W2C-13	70947	0.0	1.0	1.0	vein HW side
5W2C-13	70948	1.0	2.0	1.0	vein
5W2C-13	70949	2.0	3.0	1.0	vein
5W2C-13	70950	3.0	4.0	1.0	vein
5W2C-14	70951	0.0	1.0	1.0	vein HW side
5W2C-14	70952	1.0	2.0	1.0	vein
5W2C-14	70953	2.0	3.0	1.0	vein
5W2C-14	70954	3.0	4.3	1.3	vein FW side
	70955				Blank
5W2C-15	70956	0.0	1.0	1.0	vein HW side, 2 m from S wall (HW)
5W2C-15	70957	1.0	2.0	1.0	vein FW side
5W2C-16	70958	0.0	1.0	1.0	vein HW side
5W2C-16	70959	1.0	2.0	1.0	vein
5W2C-16	70960	2.0	3.0	1.0	vein
5W2C-16	70961	3.0	4.0	1.0	vein FW side
5W2C-17	70962	0.0	1.0	1.0	vein HW side
5W2C-17	70963	1.0	2.0	1.0	original, vein
	70964				Standard 121
5W2C-17	70965	2.0	3.0	1.0	vein FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W2C-17	70966	1.0	2.0	1.0	vein, Duplicate = 70963
5W2-5W3S-01	70967	0.0	1.0	1.0	vein HW side
5W2-5W3S-01	70968	1.0	2.0	1.0	vein
5W2-5W3S-01	70969	2.0	3.5	1.5	vein FW side
5W2-5W3S-02	70970	0.0	1.0	1.0	vein HW side
5W2-5W3S-02	70971	1.0	2.0	1.0	vein
5W2-5W3S-02	70972	2.0	3.0	1.0	vein FW side
5W2-5W3S-03	70973	0.0	1.0	1.0	vein HW side
5W2-5W3S-03	70974	1.0	2.0	1.0	vein
5W2-5W3S-03	70975	2.0	3.0	1.0	vein FW side
5W2-5W3S-04	70976	0.0	1.0	1.0	vein HW side
5W2-5W3S-04	70977	1.0	2.0	1.0	vein
5W2-5W3S-04	70978	2.0	3.0	1.0	vein
5W2-5W3S-04	70979	3.0	4.0	1.0	vein
5W2-5W3S-04	70980	4.0	5.0	1.0	vein FW side
5W2-5W3S-05	70981	0.0	1.0	1.0	vein HW side
	70982				Blank
5W2-5W3S-05	70983	1.0	2.0	1.0	vein
5W2-5W3S-05	70984	2.0	3.0	1.0	vein
5W2-5W3S-05	70985	3.0	4.0	1.0	vein FW side
5W2-5W3S-06	70986	0.0	1.0	1.0	vein HW side
5W2-5W3S-06	70987	1.0	2.0	1.0	vein
5W2-5W3S-06	70988	2.0	3.0	1.0	vein
5W2-5W3S-06	70989	3.0	4.0	1.0	vein FW side
5W2-5W3S-07	70990	0.0	1.0	1.0	vein HW side
5W2-5W3S-07	70991	1.0	2.0	1.0	vein
5W2-5W3S-07	70992	2.0	3.0	1.0	vein
5W2-5W3S-07	70993	3.0	4.0	1.0	vein FW side
5W2-5W3N-07	70994	0.0	1.0	1.0	vein HW side
5W2-5W3N-07	70995	1.0	2.0	1.0	vein
5W2-5W3N-07	70996	2.0	3.0	1.0	vein FW side
5W2-5W3N-08	70997	0.0	1.0	1.0	vein HW side
	70998				Standard 184
5W2-5W3N-08	70999	1.0	2.0	1.0	vein
5W2-5W3N-08	71000	2.0	3.0	1.0	vein
BR5-91	71201	200.9	201.8	0.9	
BR5-91	71202	201.8	202.7	0.9	
BR5-91	71203	202.7	203.3	0.6	
BR5-91	71204	203.3	204.8	1.5	
	71205				STANDARD 163
BR5-91	71206	204.8	205.4	0.6	
BR5-91	71208	210.9	212.6	1.7	original
	71210				BLANK
BR5-91	71211	215.8	217.0	1.2	
BR5-91	71212	217.0	217.9	0.9	
BR5-91	71213	226.8	229.2	2.4	
BR5-91	71215	229.2	230.7	1.5	
BR4-92	71216	294.7	296.9	2.1	
BR4-92	71217	300.5	302.8	2.3	
BR2-92	71218	615.7	617.1	1.4	
BR2-92	71219	617.1	618.4	1.3	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BR2-92	71220	618.4	620.0	1.6	
BR2-92	71221	620.0	621.1	1.1	
BR2-92	71222	621.1	622.7	1.6	
BR2-92	71223	622.7	623.3	0.6	
BR2-92	71224	627.9	629.1	1.2	
BR1-94/95	71225	220.4	222.2	1.8	
BR1-94/95	71226	222.2	224.0	1.8	
BR1-94/95	71227	224.0	225.6	1.6	
BR1-94/95	71228	225.6	226.8	1.2	
BR1-94/95	71229	226.8	228.0	1.2	
BR1-94/95	71230	228.0	229.8	1.8	
BR1-94/95	71231	229.8	230.7	0.9	
BR1-94/95	71232	230.7	232.3	1.5	
BR1-90	71233	28.0	29.6	1.5	original
	71234				STANDARD 145
BR12-90	71235	190.8	192.3	1.5	
BR12-90	71236	192.3	193.9	1.6	
BR12-90	71237	193.9	195.4	1.5	
BR12-90	71238	195.4	196.3	0.9	
BR12-90	71239	196.3	197.8	1.5	
	71240				BLANK
BR2-87	71241	403.7	404.8	1.1	original
BR2-87	71242	450.2	451.6	1.4	
BR2-87	71243	451.6	452.9	1.3	
BR2-87	71244	452.9	454.6	1.7	
BR2-87	71245	454.6	455.8	1.2	
BR2-87	71246	455.8	457.4	1.6	
BR8-81	71247	43.3	44.7	1.4	
BR2-91	71248	358.7	360.0	1.2	
BR2-91	71249	360.0	361.5	1.5	
BR2-91	71250	361.5	363.2	1.7	
BR2-91	71251	363.2	364.4	1.2	
BR2-91	71252	364.4	366.1	1.7	
BR2-91	71253	366.1	367.6	1.5	
BR2-91	71254	367.6	369.4	1.8	
BR2-91	71255	370.9	372.5	1.5	
BR2-91	71256	406.9	408.1	1.2	
	71257				STANDARD 121
BR2-91	71258	408.1	409.3	1.2	
BR2-91	71259	409.3	410.0	0.6	
BR2-91	71260	410.0	411.5	1.5	
BR2-91	71261	411.5	413.0	1.5	
	71262				BLANK
BR2-91	71263	413.0	414.8	1.8	
BR2-91	71264	414.8	416.7	1.8	
BR2-91	71265	416.7	418.2	1.5	original
BR2-91	71266	418.2	419.4	1.2	
BR2-91	71267	419.4	420.6	1.2	original
BR2-91	71268	420.6	422.1	1.5	
BR2-91	71269	422.1	424.3	2.1	
BR2-91	71270	424.3	426.1	1.8	original

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BR2-91	71271	426.1	426.7	0.6	
BR2-91	71272	426.7	427.6	0.9	
BR2-91	71273	427.6	428.9	1.2	original
BR2-91	71274	428.9	429.8	0.9	
BR2-91	71275	429.8	430.7	0.9	
BR2-91	71276	430.7	432.2	1.5	
BR2-91	71277	432.2	434.0	1.8	original
BR2-91	71278	434.0	435.3	1.2	
BR2-91	71279	435.3	437.2	2.0	
	71280				STANDARD 121
BR2-91	71281	437.2	438.6	1.4	
BR2-91	71282	438.6	440.0	1.4	
BR2-91	71283	440.0	441.0	1.1	original
BR2-91	71284	441.0	442.9	1.8	
	71285				BLANK
BR4-82	71286	336.0	337.6	1.5	
BR4-82	71287	337.6	339.2	1.7	
BR4-82	71288	339.2	340.6	1.4	
BR4-82	71289	340.6	341.8	1.2	
BR5-90	71290	161.8	163.7	1.8	
BR5-90	71291	163.7	165.2	1.5	
BR5-90	71292	165.2	166.7	1.5	
BR5-90	71293	166.7	167.9	1.2	
BR5-90	71294	167.9	168.6	0.7	
BR1-91	71295	436.3	437.4	1.1	
BR1-91	71296	437.4	438.2	0.9	
BR1-91	71297	568.8	570.7	2.0	
BR1-91	71298	570.7	572.4	1.7	
BR1-91	71299	572.4	573.6	1.2	
BR1-91	71300	573.6	575.2	1.5	
BR1-91	71301	582.2	583.5	1.4	
BR1-91	71302	583.5	585.4	1.9	
BR1-91	71303	585.4	587.0	1.6	
BR1-91	71304	587.0	587.7	0.7	
BR1-92	71305	89.3	90.8	1.5	
BR1-92	71306	93.3	94.2	0.9	
	71307				STANDRD 163
BR1-92	71308	94.6	94.9	0.2	
98-9L	71309	130.8	132.1	1.4	
98-9L	71310	132.1	133.8	1.7	
98-9L	71311	220.7	222.0	1.4	
98-9L	71312	222.0	223.0	0.9	
98VR-4	71313	364.2	365.8	1.5	
98VR-4	71314	365.8	367.3	1.5	
98VR-4	71315	367.3	368.3	1.0	
98VR-4	71316	429.8	431.3	1.5	
98VR-4	71318	432.7	434.2	1.5	
98VR-4	71319	434.2	435.6	1.4	
98VR-4	71320	435.6	437.2	1.7	
98VR-4	71321	437.2	438.8	1.5	
98VR-4	71322	438.8	439.4	0.6	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
98VR-4	71323	447.4	449.0	1.5	
98VR-4	71324	454.8	456.3	1.5	
98VR-4	71325	456.3	457.8	1.5	
98VR-4	71326	459.3	460.9	1.5	
98VR-4	71327	460.9	461.9	1.1	
98VR-4	71328	461.9	463.1	1.2	
BRU99-23	71329	110.0	111.6	1.5	
BRU99-23	71330	113.7	115.2	1.5	
BRU99-23	71331	115.2	116.1	0.9	
	71332				STANDRD 163
BRU99-23	71333	116.1	117.7	1.5	
BRU99-23	71334	117.7	119.2	1.5	
BRU99-23	71335	119.2	120.7	1.5	
BRU99-23	71336	120.7	121.8	1.1	
BRU99-23	71337	126.8	128.3	1.5	
BRU99-23	71338	128.3	129.8	1.5	
BRU99-25	71339	108.4	109.4	1.1	
BRU99-25	71340	109.4	110.8	1.4	
BRU99-25	71341	110.8	112.3	1.5	
	71342				BLANK
BRU99-25	71343	112.3	113.5	1.2	
BRU99-25	71344	113.5	115.4	1.8	
BRU99-25	71345	115.4	116.1	0.8	
BRU99-25	71346	116.1	117.3	1.2	
BRU99-25	71347	117.3	118.6	1.2	
BR2-91	71348	416.7	418.2	1.5	Duplicate = 71265
BR2-91	71349	419.4	420.6	1.2	Duplicate = 71267
BR2-91	71350	424.3	426.1	1.8	Duplicate = 71270
BR2-91	71351	427.6	428.9	1.2	Duplicate = 71273
BR2-91	71352	432.2	434.0	1.8	Duplicate = 71277
BR2-91	71353	440.0	441.0	1.1	Duplicate = 71283
BRU99-24	71354	101.8	103.3	1.5	HW sample
BRU99-24	71355	103.3	104.9	1.5	
BRU99-24	71356	104.9	106.4	1.5	
BRU99-24	71357	107.2	107.8	0.6	
BRU99-24	71358	107.8	109.1	1.3	
	71359				BLANK
BRU99-24	71360	109.1	110.9	1.8	
BRU99-24	71361	110.9	112.5	1.5	
BRU99-24	71362	112.5	114.0	1.5	
BRU99-24	71363	114.0	115.5	1.5	
BRU99-24	71364	115.5	117.0	1.5	
BRU01-06	71366	122.8	124.7	1.8	
BRU01-06	71367	125.3	126.2	0.9	original
BRU01-06	71368	126.8	128.3	1.5	
	71369				STANDARD 145
BRU01-06	71370	128.3	128.9	0.6	
BRU05-06	71371	127.6	129.1	1.5	
BRU05-06	71372	129.1	130.0	0.9	
BRU05-06	71373	130.0	131.7	1.7	
BRU05-06	71374	131.7	132.6	0.9	original

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU05-06	71375	132.6	134.1	1.5	
BRU05-06	71376	134.1	135.6	1.5	
BRU05-06	71377	135.6	137.3	1.7	
BRU05-06	71378	138.8	140.2	1.4	
BRU05-06	71379	140.2	141.4	1.2	
BRU05-06	71380	141.4	143.3	1.8	
BRU05-06	71381	143.3	144.8	1.5	
BRU05-06	71382	144.8	146.3	1.5	
BRU05-07	71383	54.3	55.8	1.5	
	71384				BLANK
BRU05-07	71385	55.8	57.3	1.5	
BRU05-07	71386	57.3	58.8	1.5	
BRU05-07	71387	58.8	60.7	1.8	
BRU05-07	71388	64.9	66.4	1.5	
BRU05-10	71389	51.8	53.3	1.5	original
	71390				STANDARD 145
BRU05-10	71392	54.1	55.5	1.4	
BRU05-10	71393	55.5	56.4	0.9	
BRU05-10	71394	56.4	57.6	1.2	
BRU05-10	71395	60.4	61.7	1.3	
BRU05-10	71396	61.7	62.8	1.1	
BRU05-10	71397	62.8	64.3	1.5	
BRU06-29	71398	58.2	59.7	1.5	original
BRU06-29	71399	59.7	61.0	1.3	
BRU06-29	71400	61.0	62.5	1.5	original
BRU06-29	71401	62.5	64.0	1.5	
BRU06-29	71402	64.0	65.5	1.5	
BRU06-29	71403	65.5	66.8	1.2	
BRU06-32	71404	71.0	72.5	1.5	
BRU06-32	71405	72.5	73.8	1.3	
BRU06-32	71406	73.8	75.2	1.4	original
	71407				STANDARD 121
BRU06-32	71408	75.2	76.2	1.0	
BRU06-32	71409	77.7	79.2	1.5	
BRU06-31	71410	130.9	132.0	1.1	original
BRU06-31	71411	132.0	133.2	1.2	original
BRU06-31	71412	133.2	134.0	0.8	original
BR2-87	71413	403.7	404.8	1.1	Duplicate = 71241
BR1-90	71414	28.0	29.6	1.5	Duplicate = 71233
BR5-91	71415	210.9	212.6	1.7	Duplicate = 71208
BRU06-31	71416	130.9	132.0	1.1	Duplicate = 71410
	71417				BLANK
BRU06-31	71418	132.0	133.2	1.2	Duplicate = 71411
BRU06-31	71419	133.5	134.0	0.5	Duplicate = 71412
BRU06-32	71420	73.8	75.2	1.4	Duplicate = 71406
BRU06-29	71421	61.0	62.5	1.5	duplicate = 71400
BRU06-29	71422	58.2	59.7	1.5	Duplicate = 71398
LEV3-05	71423	139.0	141.0	2.0	
LEV3-05	71424	143.6	145.4	1.8	
LEV3-05	71425	145.4	146.6	1.2	
LEV3-05	71426	146.6	147.5	0.9	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU05-10	71427	51.8	53.3	1.5	Duplicate = 71389
BRU05-06	71428	131.7	132.6	0.9	Duplicate = 71374
BRU00-43	71429	47.2	48.3	1.1	
BRU00-43	71430	48.3	48.9	0.6	
BRU00-43	71431	48.9	50.7	1.8	core in 2012
	71432				STANDARD 184
BRU00-59	71433	168.9	169.8	0.9	
BRU00-59	71434	175.0	175.6	0.7	
BRU00-65	71435	50.6	51.5	0.9	
BRU00-65	71436	51.5	51.7	0.2	
BRU00-65	71437	51.7	52.6	0.9	
BRU00-65	71438	52.6	53.9	1.3	
BRU00-66	71439	53.3	54.3	0.9	
BRU00-66	71440	55.5	56.4	0.9	
BRU00-66	71441	56.4	57.9	1.6	
	71442				BLANK
BRU00-66	71443	61.0	62.5	1.5	
BRU00-67	71444	56.5	57.0	0.5	
BRU00-67	71445	57.9	58.5	0.7	
BRU00-67	71446	61.0	62.2	1.2	
BRU00-67	71447	62.2	63.6	1.4	
BRU01-05	71448	28.0	29.9	1.8	
BRU01-05	71449	35.1	36.6	1.5	
BRU01-06	71450	35.1	36.3	1.2	
BRU01-06	71451	37.8	39.2	1.4	
BRU00-63	71452	45.1	46.0	0.9	
BRU00-63	71453	46.9	47.7	0.8	
BRU00-63	71454	48.2	49.2	1.1	
BRU00-64	71455	34.9	36.0	1.1	
BRU00-64	71456	38.6	40.4	1.8	
	71457				STANDRD 163
BRU00-64	71458	40.4	41.5	1.2	
BRU00-64	71459	45.7	47.3	1.6	
BRU00-64	71460	47.3	48.5	1.2	
BRU01-06	71461	125.3	126.2	0.9	Duplicate = 71367
BRU99-32	71462	42.4	43.9	1.5	
BRU99-32	71463	43.9	45.3	1.4	
BRU99-32	71464	38.1	39.3	1.2	
BRU99-32	71465	39.3	40.7	1.3	
BRU99-32	71466	37.0	38.1	1.1	
	71467				blank
BRU99-32	71468	35.7	37.0	1.3	
BRU99-32	71469	34.9	35.7	0.8	
BRU99-32	71470	34.5	34.9	0.4	
BRU99-32	71471	32.2	33.2	1.0	
BRU99-32	71472	33.2	34.5	1.3	
BRU99-32	71473	27.4	27.6	0.2	
BRU99-32	71474	29.0	30.5	1.5	
BRU09-02	71475	78.3	79.6	1.2	
BRU09-02	71476	79.6	80.9	1.4	
BRU09-16	71477	215.5	216.4	0.9	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU09-16	71478	219.5	221.0	1.5	
BRU09-16	71479	224.9	225.9	0.9	
BRU09-16	71480	225.9	227.1	1.2	
BRU09-16	71481	227.1	228.0	0.9	
	71482				Standard 184
BRU09-16	71483	228.0	228.6	0.6	
BRU05-04	71484	50.3	51.1	0.8	
BR-17-08	71491	579.4	580.8	1.4	original
	71492				BLANK
BR-17-08	71493	579.4	580.8	1.4	Duplicate 71491
BR-17-08	71494	599.5	600.4	0.9	
BR-17-08	71495	618.8	619.7	0.9	original
BR-17-08	71496	618.8	619.7	0.9	Duplicate 71495
BRU00-26	71498	150.2	150.7	0.5	Au done in 2011
8E-01	71501	0.0	1.0	1.0	HW side
8E-01	71502	1.0	2.0	1.0	vein
8E-01	71503	2.0	3.0	1.0	original, vein
8E-02	71504	0.0	1.0	1.0	vein
8E-02	71505	1.0	2.0	1.0	vein
8E-02	71506	2.0	3.0	1.0	vein
8E-02	71507	3.0	4.0	1.0	vein
8E-02	71508	4.0	5.0	1.0	vein
8E-02	71509	5.0	6.0	1.0	vein
8E-02	71510	6.0	7.0	1.0	vein
8E-02	71511	7.0	8.0	1.0	vein
	71512				Blank
8E-02	71513	8.0	9.0	1.0	vein
8E-02	71514	9.0	10.0	1.0	vein
8E-02	71515	10.0	11.0	1.0	vein
8E-02	71516	11.0	12.0	1.0	vein
8E-02	71517	12.0	13.0	1.0	vein
8E-02	71518	13.0	14.0	1.0	vein
8E-02	71519	14.0	15.0	1.0	vein
8E-02	71520	15.0	16.0	1.0	vein
	71521				Standard 184
8E-03	71522	0.0	1.0	1.0	vein
8E-03	71523	1.0	2.0	1.0	original, vein
8E-03	71524	2.0	3.0	1.0	vein
8E-03	71525	3.0	4.0	1.0	vein
8E-03	71526	4.0	5.0	1.0	vein
8E-03	71527	5.0	6.0	1.0	vein
8E-03	71528	6.0	7.0	1.0	vein
8E-03	71529	7.0	8.0	1.0	FW side
8E-01	71530	2.0	3.0	1.0	Duplicate 71503-vein
8E-03	71531	1.0	2.0	1.0	Duplicate 71523-vein
8E-04	71532	0.0	1.0	1.0	HW side- S side of vein
8E-04	71533	1.0	2.0	1.0	vein
8E-04	71534	2.0	3.0	1.0	vein
8E-04	71535	3.0	4.0	1.0	FW side - N side of vein
8E-05	71536	0.0	1.0	1.0	HW side- S side of vein
8E-05	71537	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	71538				Standard 145
8E-05	71539	2.0	3.0	1.0	vein
8E-05	71540	3.0	4.0	1.0	vein
8E-05	71541	4.0	5.0	1.0	vein
8E-05	71542	5.0	6.0	1.0	vein "FW" side (N-side)
8E-08	71543	0.0	1.1	1.1	Vein "HW" side (S-Side)
8E-08	71544	1.1	2.2	1.1	vein
8E-08	71545	2.2	3.2	1.0	vein
	71546				Blank
8E-08	71547	3.2	4.2	1.0	vein "FW" side (N-side)
8E-06	71548	0.0	1.0	1.0	vein on wall
8E-07	71549	0.0	1.5	1.5	vein on wall
8E-07	71550	1.5	2.8	1.3	vein on wall
8E-09	71551	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-09	71552	1.0	2.0	1.0	vein
8E-09	71553	2.0	3.0	1.0	vein
8E-09	71554	3.0	4.0	1.0	vein
8E-09	71555	4.0	4.7	0.7	vein "FW" side (N-side)
8E-10	71556	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-10	71557	1.0	2.0	1.0	vein
8E-10	71558	2.0	3.0	1.0	vein
8E-10	71559	3.0	4.0	1.0	vein "FW" side (N-side)
8E-11	71560	0.0	1.0	1.0	Vein "HW" side (S-Side)
	71561				Blank
8E-11	71562	1.0	2.0	1.0	original, vein
8E-11	71563	2.0	3.0	1.0	vein-Rick H. broke up lg. pieces of rock
8E-11	71564	3.0	4.1	1.1	vein "FW" side (N-side)
8E-11	71565	1.0	2.0	1.0	Duplicate 71562-vein
8E-12	71566	0.0	1.0	1.0	Vein "HW" side (S-Side)
	71567				Standard 121
8E-12	71568	1.0	2.0	1.0	vein
8E-12	71569	2.0	3.0	1.0	vein
8E-12	71570	3.0	4.0	1.0	vein
8E-12	71571	4.0	5.0	1.0	vein
8E-12	71572	5.0	6.0	1.0	vein
8E-12	71573	6.0	7.1	1.1	vein "FW" side (N-side)
8E-13	71574	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-13	71575	1.0	2.0	1.0	vein
8E-13	71576	2.0	3.0	1.0	vein
8E-13	71577	3.0	4.0	1.0	vein
8E-13	71578	4.0	5.0	1.0	vein
8E-13	71579	5.0	6.0	1.0	vein
8E-13	71580	6.0	7.1	1.1	vein, end of spl. Is in live with 8E 773+22mE @ 0m
8E-14	71581	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-14	71582	1.0	2.0	1.0	vein
8E-14	71583	2.0	3.0	1.0	original, vein
8E-14	71584	3.0	4.0	1.0	vein "FW" side (N-side)
8E-14	71585	2.0	3.0	1.0	Duplicate 71583-vein
	71586				Blank
8E-15	71587	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-15	71588	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8E-15	71589	2.0	3.0	1.0	vein
8E-15	71590	3.0	4.0	1.0	vein "FW" side (N-side)
8E-16	71591	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-16	71592	1.0	2.0	1.0	vein
	71593				Standard 163
8E-16	71594	2.0	3.0	1.0	vein
8E-16	71595	3.0	3.6	0.6	vein "FW" side (N-side)
8E-17	71596	0.0	1.0	1.0	vein
8E-17	71597	1.0	2.0	1.0	vein
8E-17	71598	2.0	3.0	1.0	vein
8E-17	71599	3.0	4.0	1.0	vein "FW" side (N-side)
8E-18	71600	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-18	71601	1.0	2.0	1.0	vein
8E-18	71602	2.0	3.0	1.0	vein
8E-18	71603	3.0	4.0	1.0	vein "FW" side (N-side)
8E-19	71604	0.0	1.0	1.0	vein "HW" side (S-side)
8E-19	71605	1.0	2.0	1.0	vein
8E-19	71606	2.0	3.0	1.0	vein
8E-19	71607	3.0	4.0	1.0	vein
8E-19	71608	4.0	5.0	1.0	vein
8E-19	71609	5.0	6.0	1.0	vein
	71610				Standard 145
8E-19	71611	6.0	7.0	1.0	vein "FW" side (N-side)
8E-20	71612	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-20	71613	1.0	2.0	1.0	vein
8E-20	71614	2.0	3.0	1.0	vein
8E-20	71615	3.0	4.0	1.0	vein
8E-20	71616	4.0	4.9	0.9	vein "FW" side (N-side)
8E-21	71617	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-21	71618	1.0	2.0	1.0	vein
8E-21	71619	2.0	3.0	1.0	vein
8E-21	71620	3.0	4.0	1.0	original, vein
8E-21	71621	4.0	5.0	1.0	vein "FW" side (N-side)
8E-21	71622	3.0	4.0	1.0	Duplicate 71620- vein
	71623				Blank
8E-22	71624	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-22	71625	1.0	2.0	1.0	vein + metaseds
8E-22	71626	2.0	3.0	1.0	vein
8E-22	71627	3.0	4.0	1.0	vein
8E-22	71628	4.0	4.8	0.8	vein "FW" side (N-side)
8E-23	71629	0.0	1.0	1.0	vein+metaseds "HW" side (S-Side)
8E-23	71630	1.0	2.0	1.0	vein (?)
8E-23	71631	2.0	3.0	1.0	vein
8E-23	71632	3.0	4.0	1.0	vein "FW" side (N-side)
	71633				Blank
8E-30	71634	0.0	1.0	1.0	vein on fault East edge- Pt+Pd
8E-30	71635	1.0	2.0	1.0	vein on fault
8E-30	71636	2.0	3.0	1.0	vein on fault
8E-30	71637	3.0	4.0	1.0	vein on fault
8E-30	71638	4.0	5.0	1.0	vein on fault
8E-30	71639	5.0	6.0	1.0	vein on fault

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	71640				Standard 121
8E-30	71641	6.0	7.0	1.0	vein on fault
8E-30	71642	7.0	8.0	1.0	vein on fault
8E-30	71643	8.0	9.0	1.0	vein on fault
8E-30	71644	9.0	10.0	1.0	vein on fault
8E-30	71645	10.0	11.0	1.0	vein on fault
8E-30	71646	11.0	12.0	1.0	vein on fault
8E-30	71647	12.0	13.0	1.0	vein on fault
8E-24	71648	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-24	71649	1.0	2.0	1.0	vein
8E-24	71650	2.0	3.0	1.0	vein
8E-24	71651	3.0	4.0	1.0	vein
8E-24	71652	4.0	4.7	0.7	vein "FW" side (N-side)
8E-25	71653	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-25	71654	1.0	2.0	1.0	vein
8E-25	71655	2.0	3.0	1.0	vein
8E-25	71656	3.0	4.0	1.0	vein
	71657				Blank
8E-25	71658	4.0	5.0	1.0	vein
8E-25	71659	5.0	6.0	1.0	vein
8E-25	71660	6.0	7.0	1.0	vein
8E-25	71661	7.0	8.0	1.0	vein "FW" side (N-side)
8E-26	71662	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-26	71663	1.0	2.0	1.0	vein
	71664				Standard 163
8E-26	71665	2.0	3.0	1.0	vein
8E-26	71666	3.0	4.0	1.0	vein
8E-26	71667	4.0	5.0	1.0	vein "FW" side (N-side)
8E-27	71668	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-27	71669	1.0	2.0	1.0	vein
8E-27	71670	2.0	3.0	1.0	vein
8E-27	71671	3.0	4.0	1.0	vein
8E-27	71672	4.0	5.0	1.0	original, vein
8E-27	71673	5.0	5.7	0.7	vein+metaseds "FW" side (N-side)
8E-27	71674	4.0	5.0	1.0	Duplicate 71672-vein
8E-28	71675	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-28	71676	1.0	2.0	1.0	vein
8E-28	71677	2.0	3.0	1.0	vein
8E-28	71678	3.0	4.0	1.0	vein
8E-28	71679	4.0	5.0	1.0	vein "FW" side (N-side)
8E-29	71680	0.0	1.0	1.0	vein on fault west edge
	71681				Blank
8E-29	71682	1.0	2.0	1.0	vein on fault
8E-29	71683	2.0	3.0	1.0	vein on fault
8E-29	71684	3.0	4.0	1.0	original, vein on fault
8E-29	71685	4.0	5.0	1.0	vein on fault East edge
8E-29	71686	3.0	4.0	1.0	Duplicate 71684-vein on fault
8E-N-01	71687	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-01	71688	1.0	2.0	1.0	vein
8E-N-01	71689	2.0	3.0	1.0	vein
8E-N-01	71690	3.0	4.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8E-N-01	71691	4.0	5.0	1.0	vein "FW" side (N-side)
8E-N-02	71692	0.0	1.0	1.0	vein+metaseds "HW" side (S-Side)
	71693				Standard 184
8E-N-02	71694	1.0	2.0	1.0	vein
8E-N-02	71695	2.0	3.0	1.0	vein
8E-N-02	71696	3.0	4.0	1.0	vein
8E-N-02	71697	4.0	4.8	0.8	vein+metaseds "FW" side (N-side)
8E-N-03	71698	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-03	71699	1.0	2.0	1.0	vein
8E-N-03	71700	2.0	3.0	1.0	vein
8E-N-03	71701	3.0	4.0	1.0	vein "FW" side (N-side)
8E-N-04	71702	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-04	71703	1.0	2.0	1.0	vein
	71704				Blank
8E-N-04	71705	2.0	3.0	1.0	vein-biased sample
8E-N-04	71706	3.0	4.0	1.0	vein
8E-N-05	71707	0.0	1.0	1.0	vein @ N corner
8E-N-05	71708	1.0	2.0	1.0	original, vein
8E-N-05	71709	2.0	3.0	1.0	vein
8E-N-05	71710	3.0	4.0	1.0	vein "FW" side (N-side)
8E-N-05	71711	1.0	2.0	1.0	Duplicate 71708-vein
8E-N-07	71712	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-07	71713	1.0	2.0	1.0	vein
8E-N-07	71714	2.0	3.0	1.0	vein
8E-N-07	71715	3.0	4.0	1.0	vein
	71716				Standard 163
8E-N-07	71717	4.0	5.0	1.0	original, vein+metaseds
8E-N-07	71718	5.0	6.0	1.0	original, vein+metaseds
8E-N-07	71719	6.0	7.0	1.0	original, vein+metaseds
8E-N-07	71720	7.0	8.0	1.0	original, vein+metaseds
8E-N-07	71721	8.0	9.0	1.0	vein+metaseds
8E-N-07	71722	9.0	10.0	1.0	vein+metaseds
8E-N-07	71723	10.0	11.0	1.0	vein+metaseds
8E-N-07	71724	11.0	12.0	1.0	vein+metaseds
8E-N-07	71725	12.0	13.0	1.0	vein+metaseds
8E-N-07	71726	13.0	14.0	1.0	vein+metaseds
8E-N-07	71727	14.0	15.0	1.0	vein+metaseds
8E-N-07	71728	15.0	16.0	1.0	vein+metaseds
8E-N-07	71729	4.0	5.0	1.0	Duplicate 71717-vein+metaseds
8E-N-07	71730	5.0	6.0	1.0	Duplicate 71718-vein+metaseds
8E-N-07	71731	6.0	7.0	1.0	Duplicate 71719-vein+metaseds
8E-N-07	71732	7.0	8.0	1.0	Duplicate 71720-vein+metaseds
8E-N-06	71733	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-06	71734	1.0	2.0	1.0	vein
8E-N-06	71735	2.0	3.0	1.0	vein+metaseds
8E-N-06	71736	3.0	4.0	1.0	vein
	71737				Standard 145
8E-N-06	71738	4.0	5.0	1.0	vein
8E-N-06	71739	5.0	6.0	1.0	vein
8E-N-06	71740	6.0	7.0	1.0	vein+metaseds
8E-N-06	71741	7.0	8.0	1.0	vein+metaseds

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8E-N-06	71742	8.0	9.0	1.0	vein+metaseds "FW" side (N-side)
8E-N-08	71743	0.0	1.0	1.0	vein+metaseds "HW" side (S-Side)
8E-N-08	71744	1.0	2.0	1.0	vein
8E-N-08	71745	2.0	3.0	1.0	vein
8E-N-08	71746	3.0	4.0	1.0	vein
8E-N-08	71747	4.0	4.6	0.6	vein+metaseds "FW" side (N-side)
	71748				Blank
8E-N-09	71749	0.0	1.0	1.0	Vein "HW" side (S-Side)
8E-N-09	71750	1.0	2.0	1.0	vein
8E-N-09	71751	2.0	3.0	1.0	vein
8E-N-09	71752	3.0	4.0	1.0	vein
8E-N-09	71753	4.0	4.9	0.9	vein "FW" side (N-side)
8E-N-10	71754	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-10	71755	1.0	2.0	1.0	vein
8E-N-10	71756	2.0	3.0	1.0	vein
	71757				Blank
8E-N-10	71758	3.0	4.1	1.1	vein "FW" side (N-side)
8E-N-11	71759	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-11	71760	1.0	2.0	1.0	vein
8E-N-11	71761	2.0	3.0	1.0	vein
8E-N-11	71762	3.0	3.9	0.9	vein "FW" side (N-side)
8E-N-12	71763	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-12	71764	1.0	2.0	1.0	vein
8E-N-12	71765	2.0	3.0	1.0	vein
8E-N-12	71766	3.0	4.0	1.0	vein
8E-N-12	71767	4.0	4.7	0.7	vein "FW" side (N-side)
8E-N-13	71768	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-13	71769	1.0	2.0	1.0	vein
	71770				Standard 184
8E-N-13	71771	2.0	3.0	1.0	original, vein
8E-N-13	71772	3.0	4.0	1.0	vein
8E-N-13	71773	4.0	4.5	0.5	vein "FW" side (N-side)
8E-N-13	71774	2.0	3.0	1.0	Duplicate 71771-vein
8E-N-14	71775	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-14	71776	1.0	2.0	1.0	vein
8E-N-14	71777	2.0	3.0	1.0	vein
8E-N-14	71778	3.0	4.0	1.0	vein
8E-N-14	71779	4.0	5.0	1.0	vein
8E-N-14	71780	5.0	6.0	1.0	vein
8E-N-14	71781	6.0	6.8	0.8	vein "FW" side (N-side)
8E-N-15	71782	0.0	1.0	1.0	vein
8E-N-15	71783	1.0	2.0	1.0	vein
8E-N-15	71784	2.0	3.0	1.0	vein
8E-N-15	71785	3.0	4.0	1.0	vein
8E-N-15	71786	4.0	5.0	1.0	vein
	71787				Blank
8E-N-15	71788	5.0	6.0	1.0	vein
8E-N-15	71789	6.0	7.0	1.0	vein
8E-N-15	71790	7.0	8.0	1.0	vein
8E-N-15	71791	8.0	9.0	1.0	vein
8E-N-15	71792	9.0	10.0	1.0	vein "FW" side (N-side)

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8E-N-16	71793	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-16	71794	1.0	2.0	1.0	vein
8E-N-16	71795	2.0	3.0	1.0	vein
	71796				Standard 121
8E-N-16	71797	3.0	4.0	1.0	original, vein
8E-N-16	71798	4.0	4.6	0.6	vein "FW" side (N-side)
8E-N-16	71799	3.0	4.0	1.0	Duplicate 71797-vein
8E-N-17	71800	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-17	71801	1.0	2.0	1.0	vein
8E-N-17	71802	2.0	3.0	1.0	vein
8E-N-17	71803	3.0	4.3	1.3	vein "FW" side (N-side)
8E-N-18	71804	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-18	71805	1.0	2.0	1.0	vein
8E-N-18	71806	2.0	3.0	1.0	vein
8E-N-18	71807	3.0	4.3	1.3	vein "FW" side (N-side)
8E-N-19	71808	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-19	71809	1.0	2.0	1.0	vein
	71810				Standard 145
8E-N-19	71811	2.0	3.0	1.0	vein
8E-N-19	71812	3.0	4.1	1.1	vein "FW" side (N-side)
8E-N-20	71813	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-20	71814	1.0	2.0	1.0	vein
8E-N-20	71815	2.0	3.0	1.0	vein
8E-N-20	71816	3.0	4.2	1.2	vein "FW" side (N-side)
8E-N-21	71817	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-21	71818	1.0	2.0	1.0	vein
	71819				Blank
8E-N-21	71820	2.0	3.0	1.0	original, vein
8E-N-21	71821	3.0	4.4	1.4	vein "FW" side (N-side)
8E-N-21	71822	2.0	3.0	1.0	Duplciate=71820, vein
8E-N-22	71823	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-22	71824	1.0	2.0	1.0	vein
8E-N-22	71825	2.0	3.0	1.0	vein
	71826				Blank
8E-N-22	71827	3.0	4.0	1.0	vein
8E-N-22	71828	4.0	4.7	0.7	vein "FW" side (N-side)
8E-N-23	71829	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-23	71830	1.0	2.0	1.0	vein
8E-N-23	71831	2.0	3.0	1.0	vein
8E-N-23	71832	3.0	4.1	1.1	vein "FW" side (N-side)
8E-N-24	71833	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-24	71834	1.0	2.0	1.0	vein
8E-N-24	71835	2.0	3.0	1.0	vein
8E-N-24	71836	3.0	4.0	1.0	vein
8E-N-24	71837	4.0	5.0	1.0	vein (samples A+B will be combined at lab)
8E-N-24	71838	6.0	7.0	1.0	vein
	71839				Standard 121
8E-N-24	71840	7.0	8.0	1.0	metaseds+FW
8E-N-24	71841	5.0	6.0	1.0	vein
8E-N-25	71842	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-25	71843	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8E-N-25	71844	2.0	3.0	1.0	vein
8E-N-25	71845	3.0	4.4	1.4	vein "FW" side (N-side)
8E-N-26	71846	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-26	71847	1.0	2.0	1.0	original, vein
8E-N-26	71848	2.0	3.0	1.0	vein
8E-N-26	71849	1.0	2.0	1.0	vein Duplicate = 71847
8E-N-26	71850	3.0	4.2	1.2	vein "FW" side (N-side)
8E-N-27	71851	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-27	71852	1.0	2.0	1.0	vein
8E-N-27	71853	2.0	3.0	1.0	vein
8E-N-27	71854	3.0	4.0	1.0	vein
8E-N-27	71855	4.0	5.0	1.0	vein
8E-N-27	71856	5.0	6.0	1.0	vein "FW" side (N-side)
	71857				Blank
8E-N-28	71858	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-28	71859	1.0	2.0	1.0	vein
8E-N-28	71860	2.0	3.0	1.0	vein
8E-N-28	71861	3.0	4.0	1.0	vein + metaseds
	71862				Standard 184
8E-N-28	71863	4.0	5.0	1.0	vein
8E-N-28	71864	5.0	6.0	1.0	vein
8E-N-28	71865	6.0	7.0	1.0	vein
8E-N-28	71866	7.0	8.1	1.1	vein "FW" side (N-side)
8E-N-29	71867	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-29	71868	1.0	2.0	1.0	vein
8E-N-29	71869	2.0	3.0	1.0	vein
8E-N-29	71870	3.0	4.3	1.3	vein "FW" side (N-side)
8E-N-30	71871	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-30	71872	1.0	2.0	1.0	vein
8E-N-30	71873	2.0	3.0	1.0	vein
8E-N-30	71874	3.0	4.2	1.2	original, vein "FW" side (N-side)
8E-N-30	71875	3.0	4.2	1.2	vein "FW" side (N-side), Duplicate = 71874
8E-N-31	71876	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-31	71877	1.0	2.0	1.0	vein
8E-N-31	71878	2.0	3.0	1.0	vein
8E-N-31	71879	3.0	4.3	1.3	vein "FW" side (N-side)
8E-N-32	71880	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-32	71881	1.0	2.0	1.0	vein
8E-N-32	71882	2.0	3.0	1.0	vein
8E-N-32	71883	3.0	4.1	1.1	vein "FW" side (N-side)
8E-N-33	71884	0.0	1.0	1.0	vein "HW" side (S-Side)
8E-N-33	71885	1.0	2.0	1.0	vein
8E-N-33	71886	2.0	3.0	1.0	vein
8E-N-33	71887	3.0	4.3	1.3	original, vein "FW" side (N-side)
8E-N-33	71888	3.0	4.3	1.3	vein "FW" side (N-side), Duplciate = 71887
	71889				Standard 163
8E-N-34	71890	0.0	1.0	1.0	vein "FW" side (N-side) + metaseds
8E-N-34	71891	1.0	2.0	1.0	vein + metaseds
8E-N-34	71892	2.0	3.0	1.0	vein + metaseds
8E-N-34	71893	3.0	4.0	1.0	vein FW side + metaseds
8E-N-35	71894	0.0	1.0	1.0	HW side- vein + metaseds

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	71895				Blank
8E-N-35	71896	1.0	2.0	1.0	vein + metaseds
8E-N-35	71897	2.0	3.0	1.0	vein + metaseds
8E-N-35	71898	3.0	4.0	1.0	FW side- vein + metaseds
8E-N-36	71899	0.0	1.0	1.0	HW side- vein + metaseds
8E-N-36	71900	1.0	2.0	1.0	vein + metaseds
8E-N-36	71901	2.0	3.0	1.0	vein
8E-N-36	71902	3.0	4.0	1.0	vein
8E-N-36	71903	4.0	5.0	1.0	vein FW side
8E-N-37	71904	0.0	1.0	1.0	original, vein HW side
8E-N-37	71905	1.0	2.0	1.0	vein (stringers)
8E-N-37	71906	2.0	3.0	1.0	vein (stringers)
	71907				Blank
8E-N-37	71908	3.0	4.0	1.0	vein (stringers)
8E-N-37	71909	4.0	5.0	1.0	vein, did not chip corner
8E-N-38	71910	0.0	1.0	1.0	vein + metaseds
8E-N-38	71911	1.0	2.0	1.0	original, vein + metaseds
8E-N-38	71912	2.0	3.0	1.0	vein + metaseds
8E-N-38	71913	3.0	4.0	1.0	FW side- vein + metaseds
8E-N-37	71914	0.0	1.0	1.0	vein HW side, duplicate = 71904
8E-N-38	71915	1.0	2.0	1.0	vein + metaseds, duplicate = 71911
8W-01	71916	0.0	1.2	1.2	orginal, vein "HW" side (S-Side)
8W-01	71917	1.2	2.4	1.2	original, vein
8W-01	71918	2.4	3.6	1.2	original, vein
8W-01	71919	3.6	4.7	1.1	original, vein
8W-01	71920	0.0	1.2	1.2	vein "HW" side (S-side), duplicate = 71916
	71921				Standard 145
8W-01	71922	1.2	2.4	1.2	vein, Duplicate = 71917
8W-01	71923	2.4	3.6	1.2	vein, duplicate = 71918
8W-01	71924	3.6	4.7	1.1	vein, duplicate = 71919
8W-02	71925	0.0	1.0	1.0	vein "HW" side (S-Side)
8W-02	71926	1.0	2.0	1.0	vein
8W-02	71927	2.0	3.0	1.0	vein
8W-02	71928	3.0	4.0	1.0	vein
8W-02	71929	4.0	5.0	1.0	vein "FW" side (N-side)
8W-03	71930	0.0	1.0	1.0	vein- S-side
8W-03	71931	1.0	2.0	1.0	vein
8W-03	71932	2.0	3.0	1.0	vein
8W-03	71933	3.0	4.2	1.2	vein N-side
	71934				Blank
8W-04	71935	0.0	1.0	1.0	vein- S-side
8W-04	71936	1.0	2.0	1.0	vein
8W-04	71937	2.0	3.0	1.0	vein
8W-04	71938	3.0	4.5	1.5	vein N-side
8W-05	71939	0.0	1.0	1.0	vein- S-side
8W-05	71940	1.0	2.0	1.0	vein
8W-05	71941	2.0	3.0	1.0	vein
8W-05	71942	3.0	4.6	1.6	vein
8W-06	71943	0.0	1.0	1.0	vein- S-side
8W-06	71944	1.0	2.0	1.0	vein
8W-06	71945	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	71946				Standard 121
8W-06	71947	3.0	4.4	1.4	vein "FW" side (N-side)
8W-07	71948	0.0	1.0	1.0	vein "HW" side (S-Side)
8W-07	71949	1.0	2.0	1.0	vein
8W-07	71950	2.0	3.0	1.0	vein
8W-07	71951	3.0	4.0	1.0	vein "FW" side (N-side)
8W-08	71952	0.0	1.0	1.0	vein HW side
8W-08	71953	1.0	2.0	1.0	vein
8W-08	71954	2.0	3.0	1.0	vein
8W-08	71955	3.0	4.0	1.0	vein FW side
8W-09	71956	0.0	1.0	1.0	vein HW side
	71957				Standard 184
8W-09	71958	1.0	2.0	1.0	vein
8W-09	71959	2.0	3.0	1.0	vein
8W-09	71960	3.0	4.4	1.4	vein
8W-10	71961	0.0	1.0	1.0	vein HW side
8W-10	71962	1.0	2.0	1.0	vein
8W-10	71963	2.0	3.5	1.5	vein FW side
8W-11	71964	0.0	1.0	1.0	vein HW side
8W-11	71965	1.0	2.0	1.0	vein
8W-11	71966	2.0	3.0	1.0	vein
8W-11	71967	3.0	4.0	1.0	vein FW side
8W-12	71968	0.0	1.0	1.0	vein HW side
8W-12	71969	1.0	2.0	1.0	vein
	71970				Blank
8W-12	71971	2.0	3.6	1.6	vein FW side
8W-13	71972	0.0	1.0	1.0	vein HW side
8W-13	71973	1.0	2.0	1.0	vein
8W-13	71974	2.0	3.0	1.0	vein
8W-13	71975	3.0	4.6	1.6	vein FW side
8W-14	71976	0.0	1.0	1.0	vein HW side
8W-14	71977	1.0	2.0	1.0	vein
8W-14	71978	2.0	3.0	1.0	vein
8W-14	71979	3.0	3.9	0.9	vein
8W-15	71980	0.0	1.0	1.0	vein HW side
	71981				Blank
8W-15	71982	1.0	2.0	1.0	vein
8W-15	71983	2.0	3.0	1.0	vein
8W-15	71984	3.0	4.0	1.0	vein FW side
8W-17	71985	0.0	1.0	1.0	vein HW side
8W-17	71986	1.0	2.0	1.0	vein
8W-17	71987	2.0	3.0	1.0	original, vein
8W-17	71988	3.0	4.0	1.0	original, vein
8W-17	71989	4.0	5.0	1.0	vein
8W-17	71990	5.0	6.0	1.0	vein FW side
8W-17	71991	2.0	3.0	1.0	vein, Duplicate = 71987
	71992				Standard 163
8W-17	71993	3.0	4.0	1.0	vein, Duplicate = 71988
8W-16	71994	0.0	1.0	1.0	vein
8W-16	71995	1.0	2.0	1.0	vein
8W-16	71996	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8W-16	71997	3.0	4.0	1.0	vein
8W-16	71998	4.0	5.0	1.0	vein FW side
8W-18	71999	0.0	1.0	1.0	vein
8W-18	72000	1.0	2.2	1.2	vein
8W-18	176001	2.2	3.4	1.2	vein
8W-19	176002	0.0	1.0	1.0	original, vein S-side
8W-19	176003	1.0	2.0	1.0	original, vein
8W-19	176004	2.0	3.0	1.0	original, vein
8W-19	176005	3.0	4.0	1.0	original, vein
	176006				Blank
8W-19	176007	4.0	5.5	1.5	original, vein
8W-19	176008	0.0	1.0	1.0	vein, S-side, Duplicate= 176002
8W-19	176009	1.0	2.0	1.0	vein, duplicate = 176003
8W-19	176010	2.0	3.0	1.0	vein, duplicate = 176004
	176011				Standard 121
8W-19	176012	3.0	4.0	1.0	vein, duplicate = 176005
8W-19	176013	4.0	5.5	1.5	vein, duplicate = 176007
8W-20	176014	0.0	1.0	1.0	vein- S-side
8W-20	176015	1.0	2.0	1.0	vein
8W-20	176016	2.0	3.0	1.0	vein
8W-20	176017	3.0	4.0	1.0	vein
8W-20	176018	4.0	4.9	0.9	vein N-side
8W-21	176019	0.0	1.0	1.0	vein S-side
8W-21	176020	1.0	2.0	1.0	vein
8W-21	176021	2.0	3.0	1.0	vein
8W-21	176022	3.0	3.9	0.9	vein N-side
8W-22	176023	0.0	1.0	1.0	vein S-side
8W-22	176024	1.0	2.0	1.0	vein
8W-22	176025	2.0	3.0	1.0	vein
8W-22	176026	3.0	4.0	1.0	vein
8W-22	176027	4.0	5.0	1.0	vein
8W-22	176028	5.0	6.0	1.0	vein
8W-22	176029	6.0	7.0	1.0	vein N-side
	176030				Standard 145
8W-23	176031	0.0	1.0	1.0	vein S-side
8W-23	176032	1.0	2.0	1.0	vein
8W-23	176033	2.0	3.0	1.0	vein
8W-23	176034	3.0	4.0	1.0	vein N-side
8W-24	176035	0.0	1.0	1.0	vein S-side
	176036				Blank
8W-24	176037	1.0	2.0	1.0	vein
8W-24	176038	2.0	3.0	1.0	vein
8W-24	176039	3.0	4.0	1.0	vein
8W-24	176040	4.0	4.7	0.7	vein N-side
8W-25	176041	0.0	1.0	1.0	vein S-side
8W-25	176042	1.0	2.0	1.0	vein
8W-25	176043	2.0	3.0	1.0	vein
8W-25	176044	3.0	4.0	1.0	vein N-side
8W-26	176045	0.0	1.0	1.0	vein S-side
8W-26	176046	1.0	2.0	1.0	vein
8W-26	176047	2.0	3.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
8W-26	176048	3.0	4.0	1.0	vein N-side
8W-27	176049	0.0	1.0	1.0	vein S-side
8W-27	176050	1.0	2.0	1.0	vein
8W-27	176051	2.0	3.0	1.0	vein
8W-27	176052	3.0	4.5	1.5	vein N-side
8W-28	176053	0.0	1.0	1.0	vein- S-side
8W-28	176054	1.0	2.0	1.0	vein
8W-28	176055	2.0	3.0	1.0	vein
	176056				Blank
8W-28	176057	3.0	4.4	1.4	vein N-side
8W-29	176058	0.0	1.0	1.0	vein- S-side
8W-29	176059	1.0	2.0	1.0	vein
8W-29	176060	2.0	3.0	1.0	vein
8W-29	176061	3.0	4.3	1.3	vein N-side
8W-30	176062	0.0	1.0	1.0	vein- S-side
8W-30	176063	1.0	2.0	1.0	vein
8W-30	176064	2.0	3.0	1.0	vein
8W-30	176065	3.0	4.0	1.0	vein N-side
	176066				Standard 184
8W-31	176067	0.0	1.0	1.0	original, vein S-side
8W-31	176068	1.0	2.0	1.0	original, vein
8W-31	176069	2.0	3.0	1.0	original, vein
8W-31	176070	3.0	4.0	1.0	original, vein
8W-31	176071	4.0	5.0	1.0	vein
8W-31	176072	5.0	6.0	1.0	vein
8W-31	176073	6.0	7.0	1.0	vein
8W-31	176074	7.0	8.0	1.0	vein
8W-31	176075	8.0	9.0	1.0	vein
8W-31	176076	9.0	10.0	1.0	vein
8W-31	176077	10.0	11.0	1.0	vein
8W-31	176078	11.0	12.0	1.0	vein
8W-31	176079	0.0	1.0	1.0	vein S-side, Duplicate = 176067
8W-31	176080	1.0	2.0	1.0	vein, duplicate = 176068
8W-31	176081	2.0	3.0	1.0	vein, duplicate = 176069
8W-31	176082	3.0	4.0	1.0	vein, duplicate = 176070
9E4XC-01	176083	0.0	1.0	1.0	vein S-side
9E4XC-01	176084	1.0	2.0	1.0	original, vein
9E4XC-01	176085	2.0	3.0	1.0	vein
9E4XC-01	176086	3.0	4.0	1.0	vein
	176087				Standard 163
9E4XC-01	176088	4.0	5.0	1.0	original, vein
9E4XC-01	176089	5.0	6.0	1.0	vein
9E4XC-01	176090	6.0	7.0	1.0	original, vein
9E4XC-01	176091	7.0	8.0	1.0	vein
9E4XC-01	176092	8.0	9.0	1.0	vein
9E4XC-01	176093	9.0	9.8	0.8	vein N-side
9E4XC-01	176094	1.0	2.0	1.0	vein, duplicate = 176084
9E4XC-01	176095	4.0	5.0	1.0	vein, duplicate = 176088
9E4XC-01	176096	6.0	7.0	1.0	vein, duplicate = 176090
	176097				Blank
9E5-4-01	176098	0.0	1.0	1.0	vein S-side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
9E5-4-01	176099	1.0	2.0	1.0	vein
9E5-4-01	176100	2.0	3.0	1.0	vein
9E5-4-01	176101	3.0	4.0	1.0	vein N-side
9E5-4-02	176102	0.0	1.0	1.0	vein + metaseds
9E5-4-02	176103	1.0	2.0	1.0	vein
9E5-4-02	176104	2.0	3.0	1.0	vein
9E5-4-02	176105	3.0	4.0	1.0	vein N-side
9E5-4-03	176106	0.0	1.0	1.0	vein+metaseds- S-side
9E5-4-03	176107	1.0	2.0	1.0	vein
9E5-4-03	176108	2.0	3.0	1.0	vein
9E5-4-03	176109	3.0	4.0	1.0	vein N-side
	176110				Blank
9E5-4-04	176111	0.0	1.0	1.0	vein S-side
9E5-4-04	176112	1.0	2.0	1.0	vein
9E5-4-04	176113	2.0	3.0	1.0	vein
9E5-4-04	176114	3.0	4.4	1.4	vein N-side
9E5-4-05	176115	0.0	1.0	1.0	vein + metaseds, HW/S-side
9E5-4-05	176116	1.0	2.0	1.0	vein
9E5-4-05	176117	2.0	3.0	1.0	vein
9E5-4-05	176118	3.0	3.9	0.9	vein, FW/N-side
9E5-4-06	176119	0.0	1.0	1.0	vein + metaseds, HW/S-side
9E5-4-06	176120	1.0	2.0	1.0	vein
9E5-4-06	176121	2.0	3.0	1.0	vein
9E5-4-06	176122	3.0	4.1	1.1	vein FW/N-side
9E5-4-07	176123	0.0	1.0	1.0	vein HW/S-side
	176124				Standard 121
9E5-4-07	176125	1.0	2.0	1.0	vein
9E5-4-07	176126	2.0	3.0	1.0	vein
9E5-4-07	176127	3.0	4.0	1.0	minor vein + metaseds
9E5-4-07	176128	4.0	5.0	1.0	metaseds + vein
9E5-4-07	176129	5.0	5.9	0.9	N-side- metaseds (FW)
9E5-4-08	176130	0.0	1.0	1.0	vein HW/S-side
9E5-4-08	176131	1.0	2.0	1.0	veins+metaseds
9E5-4-08	176132	2.0	3.0	1.0	vein
9E5-4-08	176133	3.0	4.0	1.0	vein N-side
9E5-4-09	176134	0.0	1.0	1.0	HW/S-side
	176135				Blank
9E5-4-09	176136	1.0	2.0	1.0	vein
9E5-4-09	176137	2.0	3.0	1.0	vein
9E5-4-09	176138	3.0	3.8	0.8	vein N-side
	176139				Standard 145
9E5-4-10	176140	0.0	1.0	1.0	vein, HW/S-side
9E5-4-10	176141	1.0	2.0	1.0	vein
9E5-4-10	176142	2.0	3.0	1.0	vein
9E5-4-10	176143	3.0	4.0	1.0	vein N-side
9E5-4-11	176144	0.0	1.0	1.0	vein, HW/S-side
9E5-4-11	176145	1.0	2.0	1.0	vein
9E5-4-11	176146	2.0	3.0	1.0	metaseds
9E5-4-11	176147	3.0	4.0	1.0	original, vein
9E5-4-11	176148	4.0	5.0	1.0	original, vein
9E5-4-11	176149	3.0	4.0	1.0	vein, duplicate = 176147

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
9E5-4-11	176150	4.0	5.0	1.0	vein, duplicate = 176148
9E5-4-11	176151	5.0	6.0	1.0	vein
9E5-4-11	176152	6.0	7.0	1.0	vein
9E5-4-11	176153	7.0	8.0	1.0	vein
9E5-4-11	176154	8.0	9.0	1.0	vein N-side
9E5-4-12	176155	0.0	1.0	1.0	vein S-side
9E5-4-12	176156	1.0	2.0	1.0	vein
9E5-4-12	176157	2.0	3.0	1.0	vein
9E5-4-12	176158	3.0	4.0	1.0	vein
9E5-4-12	176159	4.0	5.0	1.0	vein
	176160				Standard 184
9E5-4-12	176161	5.0	6.0	1.0	vein N-side
9E5-4-13	176162	0.0	1.0	1.0	vein S-side
9E5-4-13	176163	1.0	2.0	1.0	vein
9E5-4-13	176164	2.0	3.0	1.0	vein
9E5-4-13	176165	3.0	4.2	1.2	vein N-side
9E5-4-14	176166	0.0	1.0	1.0	vein S-side
9E5-4-14	176167	1.0	2.0	1.0	vein
	176168				Blank
9E5-4-14	176169	2.0	3.0	1.0	vein
9E5-4-14	176170	3.0	4.0	1.0	vein
9E5-4-14	176171	4.0	5.0	1.0	vein N-side
9E5-4-15	176172	0.0	1.0	1.0	vein S-side
9E5-4-15	176173	1.0	2.0	1.0	vein
9E5-4-15	176174	2.0	3.0	1.0	vein
9E5-4-15	176175	3.0	4.0	1.0	vein
9E5-4-15	176176	4.0	5.0	1.0	vein + metaseds
9E5-4-15	176177	5.0	6.0	1.0	vein + metaseds, N-side
9E5-4-16	176178	0.0	1.0	1.0	vein S-side
9E5-4-16	176179	1.0	2.0	1.0	vein
	176180				Blank
9E5-4-16	176181	2.0	3.0	1.0	vein
9E5-4-16	176182	4.0	5.4	1.4	original, vein N-side
9E5-4-16	176183	4.0	5.4	1.4	vein N-side, duplicate = 176182
9E5-4-16	176184	3.0	4.0	1.0	vein
9E5-4-17	176185	0.0	1.0	1.0	vein S-side
9E5-4-17	176186	1.0	2.0	1.0	vein
9E5-4-17	176187	2.0	3.0	1.0	vein
9E5-4-17	176188	3.0	4.3	1.3	vein N-side
9E5XC-01	176189	0.0	1.0	1.0	vein S-side
9E5XC-01	176190	1.0	2.0	1.0	vein
	176191				Standard 145
9E5XC-01	176192	2.0	3.0	1.0	original, vein
9E5XC-01	176193	2.0	3.0	1.0	vein, duplicate = 176192
9E5XC-01	176194	3.0	4.0	1.0	vein
9E5XC-01	176195	4.0	5.0	1.0	vein
9E5XC-01	176196	5.0	6.0	1.0	original, vein
9E5XC-01	176197	5.0	6.0	1.0	vein, duplicate = 176196
9E5XC-01	176198	6.0	7.0	1.0	vein
9E5XC-01	176199	7.0	8.0	1.0	vein
9E5XC-01	176200	8.0	9.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
9E5XC-01	176201	9.0	10.0	1.0	vein
9E5XC-01	176202	10.0	11.0	1.0	vein
9E5XC-01	176203	11.0	12.3	1.3	original, vein N-side
9E5XC-01	176204	11.0	12.3	1.3	vein N-side, duplicate = 176203
9E5-4-18	176205	0.0	1.0	1.0	vein S-side
	176206				Blank
9E5-4-18	176207	1.0	2.0	1.0	vein
9E5-4-18	176208	2.0	3.0	1.0	vein
9E5-4-18	176209	3.0	4.0	1.0	vein
9E5-4-18	176210	4.0	5.0	1.0	vein
9E5-4-18	176211	5.0	6.0	1.0	vein
9E5-4-18	176212	6.0	7.0	1.0	vein
9E5-4-18	176213	7.0	8.0	1.0	vein
9E5-4-18	176214	8.0	8.8	0.8	vein N-side
9E5XC-02	176215	0.0	1.0	1.0	vein S-side
	176216				Standard 121
9E5XC-02	176217	1.0	2.0	1.0	vein
9E5XC-02	176218	2.0	3.0	1.0	vein
9E5XC-02	176219	3.0	4.0	1.0	vein
9E5XC-02	176220	4.0	4.8	0.8	vein N-side
9E5XC-05	176221	0.0	1.0	1.0	vein E-side
9E5XC-04	176222	0.0	1.0	1.0	vein W-side
9E6-7-06	176223	0.0	1.0	1.0	vein S-side
9E6-7-06	176224	1.0	2.0	1.0	original, vein
9E6-7-06	176225	2.0	3.0	1.0	vein
9E6-7-06	176226	3.0	4.4	1.4	vein
9E6-7-07	176227	0.0	1.0	1.0	vein
9E6-7-07	176228	1.0	2.0	1.0	vein
9E6-7-07	176229	2.0	3.0	1.0	vein
9E6-7-07	176230	3.0	4.0	1.0	vein
9E6-7-07	176231	4.0	5.0	1.0	vein N-side
9E6-7-06	176232	1.0	2.0	1.0	vein, duplicate = 176224
9E6-7-05	176233	0.0	1.0	1.0	vein S-side
	176234				Blank
9E6-7-05	176235	1.0	2.0	1.0	vein
9E6-7-05	176236	2.0	3.0	1.0	vein
9E6-7-05	176237	3.0	4.0	1.0	vein
9E6-7-05	176238	4.0	5.0	1.0	vein
9E6-7-05	176239	5.0	6.0	1.0	vein
9E6-7-05	176240	6.0	7.0	1.0	vein N-side
	176241				Standard 163
9E6-7-05	176242	7.0	8.5	1.5	vein N-side
9E6-7-04	176243	0.0	1.0	1.0	vein S-side
9E6-7-04	176244	1.0	2.0	1.0	vein
9E6-7-04	176245	2.0	3.0	1.0	vein
9E6-7-04	176246	3.0	4.5	1.5	vein
9E6-7-03	176247	0.0	1.0	1.0	vein
9E6-7-03	176248	1.0	2.0	1.0	vein
9E6-7-03	176249	2.0	3.0	1.0	vein
9E6-7-03	176250	3.0	4.2	1.2	vein
	176251				Blank

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
9E6-7-02	176252	0.0	1.0	1.0	vein S-side
9E6-7-02	176253	1.0	2.0	1.0	vein
9E6-7-02	176254	2.0	3.0	1.0	vein
9E6-7-02	176255	3.0	4.0	1.0	vein
9E6-7-02	176256	4.0	5.0	1.0	vein
9E6-7-02	176257	5.0	6.0	1.0	vein
9E6-7-02	176258	6.0	7.0	1.0	vein N-side
9E5XC-03	176259	0.0	1.0	1.0	vein
9E6-7-01	176260	0.0	1.0	1.0	vein S-side
9E6-7-01	176261	1.0	2.0	1.0	vein
9E6-7-01	176262	2.0	3.0	1.0	vein
9E6-7-01	176263	3.0	4.0	1.0	vein
9E6-7-01	176264	4.0	5.0	1.0	original, vein
9E6-7-01	176265	5.0	6.0	1.0	vein
	176266				Standard 145
9E6-7-01	176267	6.0	7.0	1.0	vein N-side
9E6-7-01	176268	4.0	5.0	1.0	vein, Duplicate=176264
9E5-6-18	176269	0.0	1.0	1.0	vein S-side
9E5-6-18	176270	1.0	2.0	1.0	vein
9E5-6-18	176271	2.0	3.0	1.0	vein
9E5-6-18	176272	3.0	4.0	1.0	vein
9E5-6-18	176273	4.0	5.0	1.0	vein
9E5-6-18	176274	5.0	6.0	1.0	vein N-side
9E5-6-17	176275	0.0	1.0	1.0	vein S-side
9E5-6-17	176276	1.0	2.0	1.0	vein
9E5-6-17	176277	2.0	3.0	1.0	vein
9E5-6-17	176278	3.0	4.4	1.4	vein N-side
9E5-6-16	176279	0.0	1.0	1.0	vein S-side
9E5-6-16	176280	1.0	2.0	1.0	vein
9E5-6-16	176281	2.0	3.4	1.4	vein N-side
9E5-6-15	176282	0.0	1.0	1.0	vein S-side
9E5-6-15	176283	1.0	2.0	1.0	vein
9E5-6-15	176284	2.0	3.0	1.0	vein
9E5-6-15	176285	3.0	4.4	1.4	vein N-side
	176286				Blank
9E5-6-14	176287	0.0	1.0	1.0	vein S-side
9E5-6-14	176288	1.0	2.0	1.0	vein
9E5-6-14	176289	2.0	3.0	1.0	vein
9E5-6-14	176290	3.0	3.7	0.7	vein N-side
9E5-6-13	176291	0.0	1.0	1.0	vein S-side
9E5-6-13	176292	1.0	2.0	1.0	vein
9E5-6-13	176293	2.0	3.0	1.0	vein
9E5-6-13	176294	3.0	3.6	0.6	vein N-side
9E5-6-12	176295	0.0	1.0	1.0	vein S-side
9E5-6-12	176296	1.0	2.0	1.0	vein
9E5-6-12	176297	2.0	3.0	1.0	vein
9E5-6-12	176298	3.0	4.4	1.4	original, vein N-side
	176299				Standard 184
9E5-6-12	176300	3.0	4.4	1.4	vein N-side Duplicate=176298
9E5-6-11	176301	0.0	1.0	1.0	vein S-side
9E5-6-11	176302	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
9E5-6-11	176303	2.0	3.0	1.0	vein
9E5-6-11	176304	3.0	4.4	1.4	vein N-side
	176305				Blank
9E5-6-10	176306	0.0	1.0	1.0	vein S-side
9E5-6-10	176307	1.0	2.0	1.0	vein
9E5-6-10	176308	2.0	3.0	1.0	vein
9E5-6-10	176309	3.0	4.0	1.0	vein N-side
9E5-6-09	176310	0.0	1.0	1.0	vein S-side
9E5-6-09	176311	1.0	2.0	1.0	vein
9E5-6-09	176312	2.0	3.0	1.0	vein
9E5-6-09	176313	3.0	4.0	1.0	vein
	176314				Standard 121
9E5-6-09	176315	4.0	5.0	1.0	vein
9E5-6-09	176316	5.0	6.0	1.0	vein
9E5-6-09	176317	6.0	7.0	1.0	vein
9E5-6-08	176318	0.0	1.0	1.0	vein S-side
9E5-6-08	176319	1.0	2.0	1.0	vein
9E5-6-08	176320	2.0	3.0	1.0	vein
9E5-6-08	176321	3.0	4.0	1.0	vein N-side
9E5-6-07	176322	0.0	1.0	1.0	vein S-side
9E5-6-07	176323	1.0	2.0	1.0	vein
9E5-6-07	176324	2.0	3.0	1.0	vein
9E5-6-07	176325	3.0	4.0	1.0	vein
9E5-6-07	176326	4.0	5.5	1.5	original, vein N-side
9E5-6-07	176327	4.0	5.5	1.5	vein N-side Duplicate=176326
9E5-6-06	176328	0.0	1.0	1.0	vein S-side
9E5-6-06	176329	1.0	2.0	1.0	vein
9E5-6-06	176330	2.0	3.0	1.0	vein
9E5-6-06	176331	3.0	4.0	1.0	vein
9E5-6-06	176332	4.0	4.7	0.7	vein N-side
9E5-6-05	176333	0.0	1.0	1.0	vein S-side
9E5-6-05	176334	1.0	2.0	1.0	vein
	176335				Standard 145
9E5-6-05	176336	2.0	3.0	1.0	vein
9E5-6-05	176337	3.0	4.5	1.5	vein N-side
9E5-6-04	176338	0.0	1.0	1.0	vein S-side
9E5-6-04	176339	1.0	2.0	1.0	vein
9E5-6-04	176340	2.0	3.0	1.0	vein
	176341				Blank
9E5-6-04	176342	3.0	4.0	1.0	vein
9E5-6-04	176343	4.0	5.0	1.0	original, vein N-side
9E5-6-04	176344	4.0	5.0	1.0	vein N-side Duplicate=176343
9E5-6-03	176345	0.0	1.0	1.0	vein HW side
9E5-6-03	176346	1.0	2.0	1.0	vein
9E5-6-03	176347	2.0	3.0	1.0	vein
9E5-6-03	176348	3.0	4.0	1.0	vein
9E5-6-03	176349	4.0	5.0	1.0	vein FW side
9E5-6-02	176350	0.0	1.0	1.0	vein HW side
BRU06-27	176351	117.0	118.0	1.0	
BRU06-27	176352	118.0	119.0	1.0	
BRU06-27	176353	119.0	120.0	1.0	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU06-27	176354	120.0	121.0	1.0	
BRU06-27	176355	121.0	122.0	1.0	
BRU06-27	176356	122.0	123.0	1.0	
BRU06-27	176357	123.0	124.0	1.0	
	176358				Blank
BRU06-27	176359	124.0	125.0	1.0	
BRU06-27	176360	125.0	126.0	1.0	
BRU06-27	176361	126.0	127.0	1.0	
BRU06-27	176362	127.0	128.0	1.0	
BRU06-27	176363	128.0	129.0	1.0	
BRU06-27	176364	129.0	130.0	1.0	
BRU06-27	176365	130.0	131.0	1.0	
BRU06-27	176366	131.0	132.0	1.0	
BRU06-27	176367	132.0	133.0	1.0	
BRU06-27	176368	133.0	134.0	1.0	
BRU09-10	176371	142.0	143.1	1.1	*1/4 core TM sample
BRU07-02	176373	3.6	4.5	0.9	
BRU06-49	176374	118.0	119.1	1.1	*1/4 core TM sample
BRU06-33	176375	54.9	56.4	1.5	*1/4 core TM sample
BRU06-49	176382	118.0	119.1	1.1	*rejects TM sample
BRU07-02	176383	3.6	4.5	0.9	
	176385				
BRU06-33	176386	54.9	56.4	1.5	*rejects TM sample
BRU05-04	176387	50.3	51.1	0.8	
BRU09-10	176388	142.0	143.1	1.1	*rejects TM sample
BRU99-38	176389	60.6	61.9	1.3	
BRU99-38	176390	61.9	62.7	0.8	
BRU99-38	176391	62.7	63.7	1.0	
BRU01-16	176392	128.1	129.2	1.1	
	176393				Standard 145
BRU00-26	176394	143.2	144.2	1.0	Au done in 2011
BRU00-26	176395	144.2	145.4	1.2	Au done in 2011
BRU00-26	176396	145.4	146.0	0.7	Au done in 2011
BRU00-26	176397	146.0	147.2	1.2	Au done in 2011
BRU00-26	176398	147.2	147.7	0.5	Au done in 2011
BRU00-26	176399	147.7	148.7	1.0	Au done in 2011
BRU00-26	176400	148.7	150.2	1.5	Au done in 2011
BR-06-08	176401	163.3	164.3	0.9	original
BR-06-08	176402	163.3	164.3	0.9	Duplicate 176401
BR-06-08	176403	164.3	165.5	1.2	
BR-02-07/08	176404	417.6	418.9	1.3	
BR-02-07/08	176405	418.9	420.3	1.4	
BR-06-08	176406	519.6	520.9	1.3	
BR-06-08	176407	520.9	521.9	1.0	
BR-06-08	176408	521.9	522.9	1.1	
BR-02-07/08	176409	420.3	421.4	1.1	
BR-02-07/08	176410	423.0	423.7	0.7	
	176411				Blank
BR-02-07/08	176412	423.7	425.5	1.8	
BR-02-07/08	176413	425.5	426.5	1.0	
BR-02-07/08	176414	426.5	427.7	1.2	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BR-02-07/08	176415	428.3	429.6	1.2	
BR-02-07/08	176416	433.1	434.2	1.1	
BR-02-07/08	176417	434.2	434.9	0.7	
BR-02-07/08	176418	434.9	436.0	1.1	
	176419				Standard 121
BR-02-07/08	176420	436.0	437.1	1.1	
BR-02-07/08	176421	437.1	437.8	0.8	
BR-02-07/08	176422	437.8	438.8	0.9	
BR-02-07/08	176423	438.8	439.9	1.1	original
BR-02-07/08	176424	438.8	439.9	1.1	Duplicate 176423
BR-02-07/08	176425	439.9	441.0	1.1	
BR-02-07/08	176426	441.0	441.8	0.9	
BR-02-07/08	176427	441.8	442.6	0.8	
	176428				Blank
BR-02-07/08	176429	662.0	663.0	1.0	
BR-02-07/08	176430	663.0	664.1	1.1	
BR-02-07/08	176431	665.0	666.0	1.1	original
BR-02-07/08	176432	665.0	666.0	1.1	Duplicate 176431
BR-02-07/08	176433	611.8	612.6	0.8	
BR-02-07/08	176434	692.3	693.5	1.2	
BR-02-07/08	176435	693.5	694.3	0.9	
BR-02-07/08	176436	771.0	772.0	1.0	
BR-02-07/08	176437	772.0	773.3	1.3	
BR-02-07/08	176438	773.3	774.0	0.7	
BR-02-07/08	176439	774.0	775.1	1.1	
BR-02-07/08	176440	775.1	776.1	0.9	
	176441				Standard 184
BR-02-07/08	176442	776.1	776.9	0.8	
BR-02-07/08	176443	776.9	778.0	1.1	
BR-04-08	176444	22.2	23.2	1.0	
BR-04-08	176445	46.9	48.2	1.2	
BR-04-08	176446	48.2	49.5	1.4	
BR-04-08	176447	52.1	53.3	1.2	
BR-04-08	176448	54.1	55.0	0.9	
BR-04-08	176449	55.0	56.2	1.2	
BR-04-08	176450	56.2	57.3	1.1	
BR-04-08	176451	60.4	61.4	1.1	
BR-04-08	176452	61.4	62.8	1.4	
BR-04-08	176453	62.8	63.9	1.1	
BR-06-08	176454	84.9	86.4	1.5	
BR-06-08	176455	86.4	87.6	1.2	
BR-06-08	176456	87.6	88.7	1.1	
	176457				Standard 145
BR-06-08	176458	88.7	90.2	1.5	
BR-06-08	176459	90.2	91.1	0.9	
BR-06-08	176460	91.1	92.7	1.5	
	176461				Blank
BR-06-08	176462	92.7	94.2	1.5	
BR-06-08	176463	94.2	95.4	1.2	
BR-06-08	176464	95.4	96.9	1.5	
BR-06-08	176465	96.9	98.3	1.3	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BR-06-08	176466	98.3	99.2	0.9	
BR-06-08	176467	99.2	100.3	1.1	
BR-06-08	176468	100.3	102.4	2.1	
BR-06-08	176469	102.4	103.6	1.2	
BR-08-08	176470	42.1	43.6	1.5	
BR-08-08	176471	49.0	49.9	0.9	
BR-08-08	176472	49.9	50.9	1.0	
BR-08-08	176473	50.9	52.3	1.4	
BRU00-16	176474	216.4	217.9	1.5	
BRU00-12	176475	108.3	109.5	1.2	
BRU01-15	176478	104.9	106.2	1.3	
BRU08-12	177001	80.8	82.3	1.5	
BRU08-12	177002	82.3	83.7	1.4	
BRU08-12	177003	87.5	88.5	1.1	
BRU09-13	177004	125.0	126.0	1.0	
BRU09-13	177005	126.0	127.0	1.0	
BRU09-13	177006	127.0	128.0	1.0	
	177007				Standard 184
BRU09-13	177008	128.0	129.0	1.0	
BRU09-13	177009	129.0	130.0	1.0	
BRU09-13	177010	130.0	131.0	1.0	
BRU09-13	177011	131.0	132.0	1.0	
BRU09-13	177012	132.0	133.0	1.0	
BRU09-13	177013	133.0	134.0	1.0	
BRU09-13	177014	134.0	135.0	1.0	
BRU09-13	177015	135.0	136.0	1.0	
BRU09-13	177016	136.0	137.0	1.0	
	177017				Blank
BRU09-13	177018	1.0	2.0	1.0	
BRU09-13	177019	2.0	3.0	1.0	
BRU09-13	177020	3.0	4.0	1.0	
BRU09-13	177021	4.0	5.0	1.0	
BRU09-13	177022	5.0	6.0	1.0	
BRU09-13	177023	6.0	7.0	1.0	
BRU09-13	177024	7.0	8.0	1.0	
BRU09-13	177025	8.0	9.0	1.0	
BRU09-13	177026	9.0	10.0	1.0	
BRU09-13	177027	10.0	11.0	1.0	
BRU09-13	177028	11.0	12.0	1.0	
BRU09-13	177029	12.0	13.0	1.0	
BRU09-13	177030	13.0	14.0	1.0	
BRU09-15	177031	0.1	1.0	0.9	
BRU09-15	177032	1.0	2.0	1.0	
BRU09-15	177033	2.0	3.0	1.0	
BRU09-15	177034	3.0	4.0	1.0	
BRU09-15	177035	4.0	5.0	1.0	
BRU09-15	177036	5.0	6.0	1.0	
BRU09-15	177037	6.0	7.0	1.0	
BRU09-15	177038	7.0	8.0	1.0	
	177039				Blank
BRU09-15	177040	8.0	9.0	1.0	

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
BRU09-15	177041	9.0	10.0	1.0	
BRU09-15	177042	10.0	11.0	1.0	
BRU09-15	177043	11.0	12.0	1.0	
BRU09-15	177044	12.0	13.0	1.0	
BRU09-15	177045	13.0	14.0	1.0	
BRU09-15	177046	14.0	15.0	1.0	
	177048				Standard 121
BRU09-04	177051	45.4	46.9	1.5	
BRU09-04	177052	46.9	48.3	1.4	
BRU09-04	177053	48.3	49.4	1.1	
BRU09-04	177054	49.4	50.0	0.6	
BRU09-04	177055	53.0	54.4	1.4	
BRU09-04	177056	54.4	56.4	2.0	
BRU09-05	177057	50.6	51.4	0.8	
BRU09-05	177058	52.7	53.9	1.2	
BRU09-05	177059	53.9	55.0	1.1	
BRU09-05	177060	59.1	60.0	0.9	
BRU09-05	177061	60.0	61.1	1.1	
BRU00-54	177064	93.0	94.2	1.2	
BRU99-02	177065	70.5	71.8	1.3	
	177066				Standard 121
BRU99-02	177067	11.3	12.8	1.5	
BRU99-02	177068	12.8	13.7	0.9	
BRU99-03	177069	52.4	53.2	0.8	
BRU99-03	177070	55.2	55.9	0.7	
BRU99-03	177071	55.9	57.0	1.1	
	177072				Blank
BRU99-03	177073	57.0	58.5	1.6	
5W2-5W3N-08	177501	3.0	4.0	1.0	vein FW side
5W2-5W3N-09	177502	0.0	1.0	1.0	vein HW side
5W2-5W3N-09	177503	1.0	2.0	1.0	vein
5W2-5W3N-09	177504	2.0	3.0	1.0	vein FW side
5W2-5W3N-10	177505	0.0	1.0	1.0	vein HW side
5W2-5W3N-10	177506	1.0	2.0	1.0	vein
5W2-5W3N-10	177507	2.0	3.0	1.0	vein FW side
	177508				Blank
5W2-5W3N-11	177509	0.0	1.0	1.0	vein HW side
5W2-5W3N-11	177510	1.0	2.0	1.0	vein
5W2-5W3N-11	177511	2.0	3.0	1.0	vein FW side
5W2-5W3N-12	177512	0.0	1.0	1.0	vein FW side, 1 m from HW
5W2-5W3N-12	177513	1.0	2.0	1.0	vein
5W2-5W3N-12	177514	2.0	3.0	1.0	vein FW side
5W2-5W3N-13	177515	0.0	1.0	1.0	vein HW side
5W2-5W3N-13	177516	1.0	2.0	1.0	vein FW side
5W2-5W3N-14	177517	0.0	1.0	1.0	vein HW side
	177518				Standard 145
5W2-5W3N-14	177519	1.0	2.0	1.0	vein FW side
5W2-5W3N-15	177520	0.0	1.0	1.0	vein HW side
5W2-5W3N-15	177521	1.0	2.0	1.0	vein FW side
5W2-5W3N-16	177522	0.0	1.0	1.0	vein HW side
5W2-5W3N-16	177523	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W2-5W3N-16	177524	2.0	3.0	1.0	vein FW side
5W3-5W4N-01	177525	0.0	1.0	1.0	vein HW side
5W3-5W4N-01	177526	1.0	2.0	1.0	vein FW side
5W3-5W4N-02	177527	0.0	1.0	1.0	vein HW side
5W3-5W4N-02	177528	1.0	2.0	1.0	vein
5W3-5W4N-02	177529	2.0	3.0	1.0	vein FW side
5W3-5W4N-03	177530	0.0	1.0	1.0	vein HW side
5W3-5W4N-03	177531	1.0	2.0	1.0	vein
5W3-5W4N-03	177532	2.0	3.0	1.0	vein FW side
5W3-5W4N-04	177533	0.0	1.0	1.0	vein HW side
5W3-5W4N-04	177534	1.0	2.0	1.0	vein
	177535				Blank
5W3-5W4N-04	177536	2.0	3.0	1.0	vein FW side
5W3-5W4N-05	177537	0.0	1.0	1.0	vein HW side
5W3-5W4N-05	177538	1.0	2.0	1.0	vein
5W3-5W4N-05	177539	2.0	3.0	1.0	vein FW side
5W3-5W4C-03	177540	0.0	1.0	1.0	vein HW side
5W3-5W4C-03	177541	1.0	2.0	1.0	vein
	177542				Standard 163
5W3-5W4C-03	177543	2.0	3.0	1.0	vein
5W3-5W4C-03	177544	3.0	4.0	1.0	vein
5W3-5W4C-03	177545	4.0	5.0	1.0	vein
5W3-5W4C-03	177546	5.0	6.0	1.0	vein
5W3-5W4C-03	177547	6.0	7.0	1.0	vein
5W3-5W4C-03	177548	7.0	8.0	1.0	vein
5W3-5W4C-03	177549	8.0	9.0	1.0	vein
5W3-5W4C-03	177550	9.0	10.0	1.0	vein
5W3-5W4C-03	177551	10.0	11.0	1.0	vein FW side
5W3-5W4C-02	177552	0.0	1.0	1.0	vein HW side
5W3-5W4C-02	177553	1.0	2.0	1.0	vein
5W3-5W4C-02	177554	2.0	3.0	1.0	vein
5W3-5W4C-02	177555	3.0	4.0	1.0	vein
5W3-5W4C-02	177556	4.0	5.0	1.0	vein
5W3-5W4C-02	177557	5.0	6.0	1.0	vein
5W3-5W4C-02	177558	6.0	7.0	1.0	vein
5W3-5W4C-02	177559	7.0	8.0	1.0	vein FW side
	177560				Blank
5W3-5W4S-05	177561	0.0	1.0	1.0	vein HW side
5W3-5W4S-05	177562	1.0	2.0	1.0	vein
5W3-5W4S-05	177563	2.0	3.0	1.0	vein
5W3-5W4S-05	177564	3.0	4.0	1.0	vein
5W3-5W4S-05	177565	4.0	5.0	1.0	vein
5W3-5W4S-05	177566	5.0	6.0	1.0	vein FW side
5W3-5W4N-06	177567	0.0	1.0	1.0	vein HW side
5W3-5W4N-06	177568	1.0	2.0	1.0	vein
5W3-5W4N-06	177569	2.0	3.0	1.0	vein FW side
	177570				Standard 121
5W3-5W4S-07	177571	0.0	1.0	1.0	vein HW side
5W3-5W4S-07	177572	1.0	2.0	1.0	vein
5W3-5W4S-07	177573	2.0	3.0	1.0	vein FW side
5W3-5W4S-06	177574	0.0	1.0	1.0	vein, E-side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W3-5W4S-06	177575	1.0	2.0	1.0	vein
5W3-5W4S-06	177576	2.0	3.0	1.0	vein
5W3-5W4S-06	177577	3.0	4.0	1.0	original, vein
5W3-5W4S-06	177578	4.0	5.0	1.0	original, vein
	177579				Blank
5W3-5W4S-06	177580	5.0	6.0	1.0	vein
5W3-5W4S-06	177581	6.0	7.0	1.0	vein
5W3-5W4S-06	177582	7.0	8.0	1.0	vein
5W3-5W4S-06	177583	8.0	9.0	1.0	vein
5W3-5W4S-06	177584	9.0	10.0	1.0	vein
5W3-5W4S-06	177585	10.0	11.0	1.0	vein
5W3-5W4S-06	177586	11.0	12.0	1.0	vein
5W3-5W4S-06	177587	12.0	13.0	1.0	vein
5W3-5W4S-06	177588	13.0	14.0	1.0	vein
	177589				Standard 184
5W3-5W4S-06	177590	14.0	15.0	1.0	vein
5W3-5W4S-06	177591	15.0	16.0	1.0	vein
5W3-5W4S-06	177592	16.0	17.0	1.0	vein
5W3-5W4S-06	177593	17.0	18.0	1.0	vein, W-side
5W3-5W4S-06	177594	3.0	4.0	1.0	vein, Duplicate= 177577
5W3-5W4S-06	177595	4.0	5.0	1.0	vein, duplicate = 177578
5W3-5W4S-08	177596	0.0	1.0	1.0	vein, E-side
5W3-5W4S-08	177597	1.0	2.0	1.0	vein
5W3-5W4S-08	177598	2.0	3.0	1.0	vein
5W3-5W4S-08	177599	3.0	4.0	1.0	vein
5W3-5W4S-08	177600	4.0	5.0	1.0	vein
5W3-5W4S-08	177601	5.0	6.0	1.0	vein
5W3-5W4S-08	177602	6.0	7.0	1.0	vein
5W3-5W4S-08	177603	7.0	8.0	1.0	vein
5W3-5W4S-08	177604	8.0	9.0	1.0	vein
5W3-5W4S-08	177605	9.0	10.0	1.0	original, vein
5W3-5W4S-08	177606	10.0	11.0	1.0	vein
5W3-5W4S-08	177607	11.0	12.0	1.0	vein FW side
5W3-5W4S-08	177608	9.0	10.0	1.0	vein, duplicate = 177605
	177609				Blank
5W3-5W4C-01	177610	0.0	1.0	1.0	vein HW side
5W3-5W4C-01	177611	1.0	2.0	1.0	vein FW side
5W3-5W4N-07	177612	0.0	1.0	1.0	vein, E-side
5W3-5W4N-07	177613	1.0	2.0	1.0	vein
5W3-5W4N-07	177614	2.0	3.0	1.0	vein
5W3-5W4N-07	177615	3.0	4.0	1.0	vein
5W3-5W4N-07	177616	4.0	5.0	1.0	vein
	177617				Standard 145
5W3-5W4N-07	177618	5.0	6.0	1.0	vein
5W3-5W4N-07	177619	6.0	7.0	1.0	original, vein
5W3-5W4N-07	177620	7.0	8.0	1.0	original, vein
5W3-5W4N-07	177621	8.0	9.0	1.0	original, vein
5W3-5W4N-07	177622	9.0	10.0	1.0	vein
5W3-5W4N-07	177623	10.0	11.0	1.0	vein FW side
5W3-5W4N-07	177624	6.0	7.0	1.0	vein, duplicate = 177619
5W3-5W4N-07	177625	7.0	8.0	1.0	vein, duplicate = 177620

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W3-5W4N-07	177626	8.0	9.0	1.0	vein, duplicate = 177621
5W3XC-02	177627	0.0	1.0	1.0	vein HW side
5W3XC-02	177628	1.0	2.0	1.0	vein
5W3XC-02	177629	2.0	3.0	1.0	original, vein
5W3XC-02	177630	3.0	4.0	1.0	original, vein
5W3XC-02	177631	4.0	5.0	1.0	vein
5W3XC-02	177632	5.0	6.0	1.0	vein
5W3XC-02	177633	6.0	7.0	1.0	vein
	177634				Blank
5W3XC-02	177635	7.0	8.0	1.0	vein
5W3XC-02	177636	8.0	9.0	1.0	vein
5W3XC-02	177637	9.0	10.0	1.0	vein FW side
5W3XC-02	177638	2.0	3.0	1.0	vein, duplicate = 177629
5W3XC-02	177639	3.0	4.0	1.0	vein, duplicate = 177630
5W3XC-01	177640	0.0	1.0	1.0	vein
5W3-5W4S-01	177641	0.0	1.0	1.0	vein HW side
5W3-5W4S-01	177642	1.0	2.0	1.0	vein
5W3-5W4S-01	177643	2.0	3.0	1.0	vein FW side
5W3-5W4S-04	177644	0.0	1.0	1.0	vein HW side
5W3-5W4S-04	177645	1.0	2.0	1.0	vein
5W3-5W4S-04	177646	2.0	3.0	1.0	vein
	177647				Standard 163
5W3-5W4S-04	177648	3.0	4.0	1.0	vein
5W3-5W4S-04	177649	4.0	5.0	1.0	vein
5W3-5W4S-04	177650	5.0	6.0	1.0	vein
5W3-5W4S-04	177651	6.0	7.0	1.0	vein
5W3-5W4S-04	177652	7.0	8.0	1.0	vein FW side
5W3-5W4S-03	177653	0.0	1.0	1.0	vein HW side
5W3-5W4S-03	177654	1.0	2.0	1.0	vein
5W3-5W4S-03	177655	2.0	3.0	1.0	vein
5W3-5W4S-03	177656	3.0	4.0	1.0	vein
5W3-5W4S-03	177657	4.0	5.0	1.0	vein
5W3-5W4S-03	177658	5.0	6.0	1.0	vein
5W3-5W4S-03	177659	6.0	7.0	1.0	vein FW side
	177660				Blank
5W3-5W4S-02	177661	0.0	1.0	1.0	vein HW side
5W3-5W4S-02	177662	1.0	2.0	1.0	vein
5W3-5W4S-02	177663	2.0	3.0	1.0	vein
5W3-5W4S-02	177664	3.0	4.0	1.0	vein
5W3-5W4S-02	177665	4.0	5.0	1.0	vein
5W3-5W4S-02	177666	5.0	6.0	1.0	vein
5W3-5W4S-02	177667	6.0	7.0	1.0	vein
5W3-5W4S-02	177668	7.0	8.0	1.0	vein
	177669				Standard 121
5W3-5W4S-02	177670	8.0	9.0	1.0	vein
5W3-5W4S-02	177671	9.0	10.0	1.0	vein FW side
5W2-5W3S-19	177672	0.0	1.0	1.0	vein HW side
5W2-5W3S-19	177673	1.0	2.0	1.0	vein
5W2-5W3S-19	177674	2.0	3.0	1.0	vein
5W2-5W3S-19	177675	3.0	4.0	1.0	vein
5W2-5W3S-19	177676	4.0	5.0	1.0	vein FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
5W2-5W3S-18	177677	0.0	1.0	1.0	vein HW side
5W2-5W3S-18	177678	1.0	2.0	1.0	vein
5W2-5W3S-18	177679	2.0	3.0	1.0	vein
5W2-5W3S-18	177680	3.0	4.0	1.0	vein
5W2-5W3S-18	177681	4.0	5.0	1.0	vein FW side
5W2-5W3S-17	177682	0.0	1.0	1.0	vein HW side
	177683				Blank
5W2-5W3S-17	177684	1.0	2.0	1.0	vein
5W2-5W3S-17	177685	2.0	3.0	1.0	vein
5W2-5W3S-17	177686	3.0	4.0	1.0	vein FW side
5W2-5W3S-16	177687	0.0	1.0	1.0	vein HW side
5W2-5W3S-16	177688	1.0	2.0	1.0	vein
5W2-5W3S-16	177689	2.0	3.0	1.0	vein
5W2-5W3S-16	177690	3.0	4.0	1.0	vein
	177691				Standard 184
5W2-5W3S-16	177692	4.0	5.0	1.0	vein FW side
5W2-5W3S-15	177693	0.0	1.0	1.0	vein HW side
5W2-5W3S-15	177694	1.0	2.0	1.0	vein
5W2-5W3S-15	177695	2.0	3.0	1.0	vein
5W2-5W3S-15	177696	3.0	4.0	1.0	vein
5W2-5W3S-15	177697	4.0	5.0	1.0	vein FW side
5W2-5W3S-14	177698	0.0	1.0	1.0	vein HW side
5W2-5W3S-14	177699	1.0	2.0	1.0	vein
5W2-5W3S-14	177700	2.0	3.0	1.0	vein
5W2-5W3S-14	177701	3.0	4.0	1.0	vein
5W2-5W3S-14	177702	4.0	5.0	1.0	vein FW side
5W2-5W3S-13	177703	0.0	1.0	1.0	vein HW side
5W2-5W3S-13	177704	1.0	2.0	1.0	vein
5W2-5W3S-13	177705	2.0	3.0	1.0	vein FW side
5W2-5W3S-12	177706	0.0	1.0	1.0	vein HW side
5W2-5W3S-12	177707	1.0	2.0	1.0	vein
5W2-5W3S-12	177708	2.0	3.0	1.0	vein
	177709				Blank
5W2-5W3S-12	177710	3.0	4.0	1.0	vein FW side
5W2-5W3S-11	177711	0.0	1.0	1.0	vein HW side
5W2-5W3S-11	177712	1.0	2.0	1.0	vein
5W2-5W3S-11	177713	2.0	3.0	1.0	vein
5W2-5W3S-11	177714	3.0	4.0	1.0	vein FW side
5W2-5W3S-10	177715	0.0	1.0	1.0	vein HW side
5W2-5W3S-10	177716	1.0	2.0	1.0	vein
	177717				Standard 145
5W2-5W3S-10	177718	2.0	3.0	1.0	vein
5W2-5W3S-10	177719	3.0	4.0	1.0	vein
5W2-5W3S-10	177720	4.0	5.0	1.0	vein FW side
5W2-5W3S-09	177721	0.0	1.0	1.0	vein HW side
5W2-5W3S-09	177722	1.0	2.0	1.0	vein
5W2-5W3S-09	177723	2.0	3.0	1.0	vein FW side
5W2-5W3S-08	177724	0.0	1.0	1.0	vein HW side
5W2-5W3S-08	177725	1.0	2.0	1.0	vein
5W2-5W3S-08	177726	2.0	3.0	1.0	vein
5W2-5W3S-08	177727	3.0	4.0	1.0	vein FW side

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	177728				Blank
5W2-5W3S-20	177729	0.0	1.0	1.0	vein HW side
5W2-5W3S-20	177730	1.0	2.0	1.0	vein
5W2-5W3S-20	177731	2.0	3.0	1.0	vein FW side
4S-01	177732	0.0	1.0	1.0	vein HW side
4S-01	177733	1.0	2.0	1.0	vein
4S-01	177734	2.0	3.0	1.0	vein
4S-01	177735	3.0	4.0	1.0	vein FW side
4S-02	177736	0.0	1.0	1.0	vein HW side
4S-02	177737	1.0	2.0	1.0	vein
4S-02	177738	2.0	3.0	1.0	vein
4S-02	177739	3.0	4.0	1.0	vein
	177740				Standard 163
4S-02	177741	4.0	5.0	1.0	vein
4S-02	177742	5.0	6.0	1.0	vein
4S-02	177743	6.0	7.0	1.0	vein
4S-02	177744	7.0	8.0	1.0	vein FW side
4S-03	177745	0.0	1.0	1.0	vein HW side
4S-03	177746	1.0	2.0	1.0	original, vein
4S-03	177747	2.0	3.0	1.0	vein FW side
4S-03	177748	1.0	2.0	1.0	vein, duplicate = 177746
4S-04	177749	0.0	1.0	1.0	vein HW side
4S-04	177750	1.0	2.0	1.0	vein
4S-04	177751	2.0	3.0	1.0	vein
4S-04	177752	3.0	4.0	1.0	vein
4S-04	177753	4.0	5.0	1.0	vein FW side
4S-05	177754	0.0	1.0	1.0	vein HW side
4S-05	177755	1.0	2.0	1.0	vein
4S-05	177756	2.0	3.0	1.0	vein
	177757				Blank
4S-05	177758	3.0	4.0	1.0	vein FW side
4S-06	177759	0.0	1.0	1.0	vein HW side
4S-06	177760	1.0	2.0	1.0	vein
4S-06	177761	2.0	3.0	1.0	vein
	177762				Standard 121
4S-06	177763	3.0	4.0	1.0	vein FW side
4S-07	177764	0.0	1.0	1.0	vein HW side
4S-07	177765	1.0	2.0	1.0	vein
4S-07	177766	2.0	3.0	1.0	vein
4S-07	177767	3.0	4.0	1.0	vein FW side
4S-09	177768	0.0	1.0	1.0	vein HW side
4S-09	177769	1.0	2.0	1.0	vein
4S-09	177770	2.0	3.0	1.0	vein
4S-09	177771	3.0	4.0	1.0	vein FW side
4S-08	177772	0.0	1.0	1.0	vein HW side
4S-08	177773	1.0	2.0	1.0	vein
4S-08	177774	2.0	3.0	1.0	vein
4S-08	177775	3.0	4.0	1.0	vein FW side
	177776				Blank
4S-11	177777	0.0	1.0	1.0	vein HW side
4S-11	177778	1.0	2.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
4S-11	177779	2.0	3.0	1.0	vein
4S-11	177780	3.0	4.0	1.0	vein
4S-12	177781	0.0	1.0	1.0	original, vein HW side
4S-12	177782	1.0	2.0	1.0	vein
4S-12	177783	2.0	3.0	1.0	vein
4S-12	177784	0.0	1.0	1.0	vein HW side Duplicate=177781
4S-10	177785	0.0	1.0	1.0	original, vein W-side
4S-10	177786	1.0	2.0	1.0	original, vein
	177787				Standard 184
4S-10	177788	2.0	3.0	1.0	vein
4S-10	177789	3.0	4.0	1.0	vein
4S-10	177790	4.0	5.0	1.0	vein E-side
4S-10	177791	0.0	1.0	1.0	vein W-side Duplicate=177785
4S-10	177792	1.0	2.0	1.0	vein, Duplicate=177786
4N-01	177793	0.0	1.0	1.0	vein
4N-02	177794	0.0	1.0	1.0	vein W-side
4N-02	177795	1.0	2.0	1.0	vein E-side
4N-03	177796	0.0	1.0	1.0	vein
4N-04	177797	0.0	1.0	1.0	vein
3M-01	177798	0.0	1.0	1.0	vein
3M-02	177799	0.0	1.0	1.0	vein HW side
3M-02	177800	1.0	2.0	1.0	vein
3M-02	177801	2.0	3.0	1.0	vein FW side
3M-03	177802	0.0	1.0	1.0	vein HW side
3M-03	177803	1.0	2.0	1.0	vein
3M-03	177804	2.0	3.0	1.0	vein FW side
3M-04	177805	0.0	1.0	1.0	vein
3M-05	177806	0.0	1.0	1.0	vein HW side
3M-05	177807	1.0	2.0	1.0	vein
3M-05	177808	2.0	3.0	1.0	vein
3M-05	177809	3.0	4.0	1.0	vein FW side
	177810				Blank
3M-06	177811	0.0	1.0	1.0	vein HW side
3M-06	177812	1.0	2.0	1.0	vein FW side
3M-07	177813	0.0	1.0	1.0	vein
3W1-04	177814	0.0	1.0	1.0	vein HW side
3W1-04	177815	1.0	2.0	1.0	vein FW side
3W1-05	177816	0.0	1.0	1.0	vein
3W1-03	177817	0.0	1.0	1.0	vein
3W1-02	177818	0.0	1.3	1.3	vein HW side
3W1-02	177819	1.3	2.3	1.0	vein FW side
3W1-01	177820	0.0	1.0	1.0	vein HW side
3W1-01	177821	1.0	2.0	1.0	vein
3W1-01	177822	2.0	3.0	1.0	vein FW side
	177823				Standard 163
9E4XC-02	177824	0.0	1.0	1.0	vein HW side
9E4XC-02	177825	1.0	2.0	1.0	vein
9E4XC-02	177826	2.0	3.0	1.0	vein
9E4XC-02	177827	3.0	4.0	1.0	vein
9E4XC-02	177828	4.0	5.0	1.0	vein
9E4XC-02	177829	5.0	6.0	1.0	vein

DH ID	Tag#	From (m)	To (m)	Assay Int (m)	Comments
	177830				Blank
9E4XC-02	177831	6.0	7.0	1.0	vein
9E4XC-02	177832	7.0	8.0	1.0	vein
9E4XC-02	177833	8.0	9.0	1.0	vein
9E4XC-02	177834	9.0	10.0	1.0	vein
9E4XC-02	177835	10.0	11.0	1.0	vein
9E4XC-02	177836	11.0	12.0	1.0	vein
9E4XC-02	177837	12.0	13.0	1.0	original, vein
9E4XC-02	177838	13.0	14.0	1.0	original, vein
9E4XC-02	177839	14.0	15.0	1.0	original, vein
9E4XC-02	177840	15.0	16.0	1.0	original, vein FW side
	177841				Standard 145
9E4XC-02	177842	12.0	13.0	1.0	vein Duplicate=177837
9E4XC-02	177843	13.0	14.0	1.0	vein Duplicate=177838
9E4XC-02	177844	14.0	15.0	1.0	vein Duplicate=177839
9E4XC-02	177845	15.0	16.0	1.0	vein FW side, Duplicate=177840
9E5-6-02	177846	1.0	2.0	1.0	vein
9E5-6-02	177847	2.0	3.0	1.0	vein
9E5-6-02	177848	3.0	4.0	1.0	vein
9E5-6-02	177849	4.0	4.7	0.7	vein FW side
9E5-6-01	177850	0.0	1.0	1.0	vein HW side
9E5-6-01	177851	1.0	2.0	1.0	vein
9E5-6-01	177852	2.0	3.0	1.0	vein
9E5-6-01	177853	3.0	4.0	1.0	vein
9E5-6-01	177854	4.0	5.0	1.0	vein
9E5-6-01	177855	5.0	6.0	1.0	vein
9E5-6-01	177856	6.0	7.0	1.0	vein
9N-02	177857	0.0	1.0	1.0	vein
9N-01	177858	0.0	1.0	1.0	vein
9N-04	177859	0.0	1.0	1.0	vein
9N-03	177860	0.0	1.0	1.0	vein
	177861				Blank

APPENDIX D – 2012 Specific Gravity Determination Program

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR5-91	71201	78.7	50.2	2.8	2.8	
BR5-91	71201	128.5	82.2	2.8		
BR5-91	71201	140.6	89.9	2.8		
BR5-91	71201	95.3	60.3	2.7		
BR5-91	71202	71.2	45.3	2.7	2.9	
BR5-91	71202	74.3	50	3.1		
BR5-91	71202	115	75.3	2.9		
BR5-91	71203	91.4	60.4	2.9	3.1	
BR5-91	71203	79.7	53	3.0		
BR5-91	71203	42.7	29.9	3.3		
BR5-91	71204	70.7	46.9	3.0	3.3	
BR5-91	71204	129.5	94.3	3.7		
BR5-91	71204	100.6	69.2	3.2		
BR5-91	71204	125.4	87.2	3.3		
BR5-91	71206	84.5	53.8	2.8	2.8	
BR5-91	71206	35.4	22.9	2.8		
BR5-91	71206	53	33.6	2.7		
BR5-91	71208	102.4	66.6	2.9	2.8	
BR5-91	71208	270	171.5	2.7		
BR5-91	71208	250.9	164.9	2.9		
BR5-91	71211	126.2	82.2	2.9	2.9	
BR5-91	71211	111.6	77.7	3.3		
BR5-91	71211	65.4	40.9	2.7		
BR5-91	71212	21.9	13.8	2.7	2.9	
BR5-91	71212	81.4	52.6	2.8		
BR5-91	71212	110.2	74.2	3.1		
BR5-91	71213	101.6	64.9	2.8	2.7	
BR5-91	71213	168.9	107.8	2.8		
BR5-91	71213	97.4	60.8	2.7		
BR5-91	71213	73.5	47	2.8		
BR5-91	71215	151.6	108.3	3.5	3.5	
BR5-91	71215	185	135.4	3.7		
BR5-91	71215	148.5	105.6	3.5		
BR5-91	71215	86.5	60.8	3.4		
BR4-92	71216	75.2	56.3	4.0	3.2	
BR4-92	71216	55.3	38.3	3.3		
BR4-92	71216	42.2	26.4	2.7		
BR4-92	71216	29	19.3	3.0		
BR4-92	71217	65	44.4	3.2	2.8	
BR4-92	71217	33	21.2	2.8		
BR4-92	71217	59.9	38	2.7		
BR4-92	71217	35.4	22	2.6		
BR2-92	71218	103.3	63.9	2.6	2.7	
BR2-92	71218	109.4	67.8	2.6		
BR2-92	71218	113.7	76.4	3.0		
BR2-92	71218	77.2	49.1	2.7		
BR2-92	71218	58.3	32.3	2.2		
BR2-92	71219	88.5	57.2	2.8	2.7	
BR2-92	71219	117.5	75.7	2.8		
BR2-92	71219	67	41.5	2.6		
BR2-92	71219	105.3	67.1	2.8		
BR2-92	71219	46.2	28.9	2.7		
BR2-92	71220	187.4	143.7	4.3	3.3	
BR2-92	71220	109.7	72.1	2.9		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR2-92	71220	98.3	68	3.2		
BR2-92	71220	100.3	64.1	2.8		
BR2-92	71221	99	61.6	2.6	2.7	
BR2-92	71221	163.8	105.6	2.8		
BR2-92	71221	105.5	67.4	2.8		
BR2-92	71221	32.8	20.8	2.7		
BR2-92	71222	36.4	23.6	2.8	2.9	
BR2-92	71222	19.4	12.6	2.9		
BR2-92	71222	27.7	18	2.9		
BR2-92	71222	91.6	60.2	2.9		
BR2-92	71223	45	31.1	3.2	3.1	
BR2-92	71223	80.2	53.2	3.0		
BR2-92	71223	79.9	54.8	3.2		
BR2-92	71223	41	27.3	3.0		
BR2-92	71224	61.2	39.5	2.8	2.9	
BR2-92	71224	31.5	21.1	3.0		
BR2-92	71224	55.7	37.2	3.0		
BR2-92	71224	23.7	15.4	2.9		
BR1-94/95	71225	128.5	80.5	2.7	2.7	
BR1-94/95	71225	66.2	41.6	2.7		
BR1-94/95	71225	178.1	111.9	2.7		
BR1-94/95	71225	48.7	30.8	2.7		
BR1-94/95	71226	31.9	21.5	3.1	2.8	
BR1-94/95	71226	53.1	34	2.8		
BR1-94/95	71226	34.1	21.2	2.6		
BR1-94/95	71226	51.7	33.9	2.9		
BR1-94/95	71227	110.4	68	2.6	2.7	
BR1-94/95	71227	47.7	29.6	2.6		
BR1-94/95	71227	64.7	40.3	2.7		
BR1-94/95	71227	48.4	31	2.8		
BR1-94/95	71228	60.4	38.6	2.8	2.7	
BR1-94/95	71228	132	83.1	2.7		
BR1-94/95	71228	59.8	37.5	2.7		
BR1-94/95	71228	82.2	52.3	2.7		
BR1-94/95	71228	63.5	40	2.7		
BR1-94/95	71231	44.8	28.9	2.8	2.8	
BR1-94/95	71231	123.2	81.3	2.9		
BR1-94/95	71231	91.1	54.2	2.5		
BR1-94/95	71231	136.2	87.7	2.8		
BR1-94/95	71232	52.9	35.8	3.1	2.8	
BR1-94/95	71232	359.1	226.7	2.7		
BR1-94/95	71232	74	46.6	2.7		
BR1-94/95	71232	82.2	51.6	2.7		
BR1-94/95	71232	61	39.3	2.8		
BR1-90	71233	168.5	105.3	2.7	2.7	
BR1-90	71233	518.5	327.6	2.7		
BR1-90	71233	130	82.4	2.7		
BR1-90	71233	382.9	328.1	7.0		Appears anomalous. Didn't include in average
BR12-90	71235	87.9	60.7	3.2	3.0	
BR12-90	71235	64.5	41	2.7		
BR12-90	71235	43.3	30.5	3.4		
BR12-90	71235	71.4	44.8	2.7		
BR12-90	71236	138.2	93.3	3.1	3.1	

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR12-90	71236	80.7	56.4	3.3		
BR12-90	71236	48	32.9	3.2		
BR12-90	71236	31	20	2.8		
BR12-90	71237	59.9	37.4	2.7	2.8	
BR12-90	71237	47.9	32.7	3.2		
BR12-90	71237	70	43.3	2.6		
BR12-90	71237	62.1	39.4	2.7		
BR12-90	71238	46	28.6	2.6	2.5	
BR12-90	71238	85.2	45.4	2.1		
BR12-90	71238	55.9	34.6	2.6		
BR12-90	71238	38.6	24.2	2.7		
BR12-90	71239	56	40.6	3.6	3.1	
BR12-90	71239	57.3	35.8	2.7		
BR12-90	71239	74	47.2	2.8		
BR12-90	71239	70.1	48.1	3.2		
BR2-87	71241	185.4	130.9	3.4	3.3	
BR2-87	71241	229.7	155	3.1		
BR2-87	71241	604	425.1	3.4		
BR2-87	71242	96.7	60.5	2.7	2.8	
BR2-87	71242	104	64.7	2.6		
BR2-87	71242	85.6	54.3	2.7		
BR2-87	71242	144.8	96	3.0		
BR2-87	71242	120.1	76.6	2.8		
BR2-87	71243	253.8	181.6	3.5	3.4	
BR2-87	71243	218.3	144.5	3.0		
BR2-87	71243	125.1	88.5	3.4		
BR2-87	71243	240.3	171.6	3.5		
BR2-87	71243	78.2	56.4	3.6		
BR2-87	71244	217.9	151.4	3.3	3.4	
BR2-87	71244	51.1	36.7	3.5		
BR2-87	71244	124.4	90.1	3.6		
BR2-87	71244	139	96.2	3.2		
BR2-87	71244	148.6	105	3.4		
BR2-87	71245	343.4	247.2	3.6	3.1	
BR2-87	71245	122.6	80.8	2.9		
BR2-87	71245	172.2	112.9	2.9		
BR2-87	71245	122.6	80.8	2.9		
BR2-87	71246	307.8	203.3	2.9	3.3	
BR2-87	71246	110.1	78	3.4		
BR2-87	71246	212.9	150	3.4		
BR2-87	71246	323.3	227.9	3.4		
BR8-81	71247	53.7	35.4	2.9	2.8	
BR8-81	71247	60.3	36.4	2.5		
BR8-81	71247	60.6	40.4	3.0		
BR8-81	71247	128.3	83.5	2.9		
BR8-81	71247	38.8	24.5	2.7		
BR2-91	71248	134.8	93.5	3.3	3.0	
BR2-91	71248	228.1	148.9	2.9		
BR2-91	71248	311.2	217.7	3.3		
BR2-91	71248	372.2	230.8	2.6		
BR2-91	71249	295.5	199.9	3.1	3.0	
BR2-91	71249	161.3	103.9	2.8		
BR2-91	71249	166.5	104	2.7		
BR2-91	71249	268.1	187.6	3.3		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR2-91	71250	136.3	112	5.6	3.7	
BR2-91	71250	206.9	136.9	3.0		
BR2-91	71250	155.8	106	3.1		
BR2-91	71250	240.8	167.7	3.3		
BR2-91	71251	174	118.8	3.2	3.0	
BR2-91	71251	259.6	169.6	2.9		
BR2-91	71251	201.2	129.3	2.8		
BR2-91	71251	100.6	67.3	3.0		
BR2-91	71252	124.3	85.6	3.2	3.5	
BR2-91	71252	149.1	110	3.8		
BR2-91	71252	314.8	222.7	3.4		
BR2-91	71252	205.7	145.5	3.4		
BR2-91	71253	152.9	107	3.3	3.3	
BR2-91	71253	174.6	122.9	3.4		
BR2-91	71253	356.4	246.8	3.3		
BR2-91	71253	197.9	138.9	3.4		
BR2-91	71254	195.8	134	3.2	3.4	
BR2-91	71254	110.1	82.5	4.0		
BR2-91	71254	181.3	118.5	2.9		
BR2-91	71254	204.3	145.6	3.5		
BR2-91	71255	97.9	68.8	3.4	3.4	
BR2-91	71255	237.6	167.3	3.4		
BR2-91	71255	383.1	288.3	4.0		
BR2-91	71255	198.2	127.2	2.8		
BR2-91	71256	312.5	211.8	3.1	3.0	
BR2-91	71256	437.6	277.1	2.7		
BR2-91	71256	349.8	240	3.2		
BR2-91	71256	481.4	311.1	2.8		
BR2-91	71258	353	234	3.0	3.0	
BR2-91	71258	529.9	351.8	3.0		
BR2-91	71258	584.9	389.1	3.0		
BR2-91	71259	335.6	227	3.1	3.0	
BR2-91	71259	48.1	32.3	3.0		
BR2-91	71259	86.6	57.1	2.9		
BR2-91	71260	430.2	271.8	2.7	3.1	
BR2-91	71260	754.2	512.6	3.1		
BR2-91	71260	559.5	393.1	3.4		
BR2-91	71261	411.1	282.4	3.2	3.1	
BR2-91	71261	200.2	138.7	3.3		
BR2-91	71261	41	28.6	3.3		
BR2-91	71261	45.2	28.6	2.7		
BR2-91	71263	283.7	183.7	2.8	2.8	
BR2-91	71263	84.1	52.4	2.7		
BR2-91	71263	146.9	94.4	2.8		
BR2-91	71263	278.8	188.2	3.1		
BR2-91	71263	93	60.6	2.9		
BR2-91	71264	91.4	37.3	1.7	2.5	
BR2-91	71264	135.7	87.6	2.8		
BR2-91	71264	151.1	95.9	2.7		
BR2-91	71264	43.1	26.8	2.6		
BR2-91	71264	90	55.7	2.6		
BR2-91	71265	113.3	70.3	2.6	2.8	
BR2-91	71265	166.7	105.7	2.7		
BR2-91	71265	81	54.2	3.0		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR2-91	71265	84.5	56.1	3.0		
BR2-91	71266	121.3	75.4	2.6	2.7	
BR2-91	71266	113.3	71.6	2.7		
BR2-91	71266	94.8	64.2	3.1		
BR2-91	71266	43.2	26.6	2.6		
BR2-91	71266	83.4	52.2	2.7		
BR2-91	71267	106.2	73.2	3.2	2.9	
BR2-91	71267	206	140.3	3.1		
BR2-91	71267	134.5	83.8	2.7		
BR2-91	71267	134.2	82.7	2.6		
BR2-91	71268	175	109.4	2.7	2.7	
BR2-91	71268	174.1	112.3	2.8		
BR2-91	71268	122.4	77.7	2.7		
BR2-91	71268	197.8	125	2.7		
BR2-91	71269	81.3	56.3	3.3	2.7	
BR2-91	71269	226.3	85.5	1.6		
BR2-91	71269	166.1	104.5	2.7		
BR2-91	71269	102.7	69.7	3.1		
BR2-91	71270	69.5	44.3	2.8	2.9	
BR2-91	71270	105.4	67.9	2.8		
BR2-91	71270	134.8	92.1	3.2		
BR2-91	71270	112.4	75.6	3.1		
BR2-91	71271	208.8	140.5	3.1	2.9	
BR2-91	71271	124	78.3	2.7		
BR2-91	71271	94.1	59.9	2.8		
BR2-91	71271	41.6	27.8	3.0		
BR2-91	71272	81.7	51.6	2.7	2.8	
BR2-91	71272	74.8	47	2.7		
BR2-91	71272	66.3	43.3	2.9		
BR2-91	71272	118.5	75.2	2.7		
BR2-91	71273	85.5	52.7	2.6	2.6	
BR2-91	71273	149.6	93.2	2.7		
BR2-91	71273	90.8	56.3	2.6		
BR2-91	71274	158	100.7	2.8	2.7	
BR2-91	71274	115.1	71.5	2.6		
BR2-91	71274	141.3	87.8	2.6		
BR2-91	71274	136.5	85.3	2.7		
BR2-91	71275	106.4	66.5	2.7	2.7	
BR2-91	71275	274.5	170.9	2.6		
BR2-91	71275	158.8	99.3	2.7		
BR2-91	71276	109.7	69	2.7	2.8	
BR2-91	71276	112.9	71.4	2.7		
BR2-91	71276	87.4	60.4	3.2		
BR2-91	71276	191.5	121.6	2.7		
BR2-91	71277	107.4	67.8	2.7	2.8	
BR2-91	71277	75.9	48.7	2.8		
BR2-91	71277	74.5	46.5	2.7		
BR2-91	71277	115	75.8	2.9		
BR2-91	71278	47.4	29	2.6	2.5	
BR2-91	71278	103.3	60.8	2.4		
BR2-91	71278	128.8	76.8	2.5		
BR2-91	71278	192.6	111.3	2.4		
BR2-91	71278	71.5	44.5	2.6		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR2-91	71279	80	78.4	50.0		*"outlier"- did not include this result in the average
BR2-91	71279	128.4	81.4	2.7	2.7	
BR2-91	71279	135.6	85.3	2.7		
BR2-91	71279	162	103.5	2.8		
BR2-91	71281	252	161.8	2.8	2.7	
BR2-91	71281	215	131.9	2.6		
BR2-91	71281	290	180.7	2.7		
BR2-91	71281	176.4	114.1	2.8		
BR2-91	71282	275.5	181.6	2.9	2.9	
BR2-91	71282	167	105.4	2.7		
BR2-91	71282	185	122.3	3.0		
BR2-91	71283	609.8	392.9	2.8	2.8	
BR2-91	71283	410	263.8	2.8		
BR2-91	71284	237.9	157.9	3.0		
BR2-91	71284	156.3	100.5	2.8		
BR2-91	71284	366.6	233.3	2.8		
BR2-91	71284	532.2	355.1	3.0		
BR4-82	71286	100.6	70.3	3.3	2.9	
BR4-82	71286	272	177.4	2.9		
BR4-82	71286	140.1	87.3	2.7		
BR4-82	71286	171	113.4	3.0		
BR4-82	71286	79	51.7	2.9		
BR4-82	71287	85.5	57.6	3.1	3.2	
BR4-82	71287	203	140.2	3.2		
BR4-82	71287	113.3	80.8	3.5		
BR4-82	71287	158	110.6	3.3		
BR4-82	71287	189	124.1	2.9		
BR4-82	71288	102.8	66.4	2.8	3.0	
BR4-82	71288	218.9	138.6	2.7		
BR4-82	71288	212.3	148.7	3.3		
BR4-82	71288	211.2	140.9	3.0		
BR4-82	71288	200.9	133.9	3.0		
BR4-82	71289	305.7	202.9	3.0	3.0	
BR4-82	71289	190.5	130.8	3.2		
BR4-82	71289	176.6	119.2	3.1		
BR4-82	71289	101.8	70.6	3.3		
BR4-82	71289	178.8	113.2	2.7		
BR5-90	71290	184.4	127.6	3.2	2.7	
BR5-90	71290	718.7	142.8	1.2		
BR5-90	71290	202.3	133.8	3.0		
BR5-90	71290	166.9	116	3.3		
BR5-90	71290	156.7	97.8	2.7		
BR5-90	71291	118.7	73.9	2.6	2.6	
BR5-90	71291	132.4	88.3	3.0		
BR5-90	71291	125.5	83	3.0		
BR5-90	71291	311.3	119.2	1.6		
BR5-90	71292	99	73	3.8	3.8	
BR5-90	71292	176.3	136.3	4.4		
BR5-90	71292	258.5	194	4.0		high grade
BR5-90	71292	171.6	128.5	4.0		
BR5-90	71292	169.3	106.9	2.7		
BR5-90	71293	151.4	99.8	2.9	3.0	
BR5-90	71293	93.4	58.8	2.7		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR5-90	71293	87.3	57.3	2.9		
BR5-90	71293	102.7	73.6	3.5		
BR5-90	71294	78.1	51.5	2.9	3.2	
BR5-90	71294	163.7	114.6	3.3		
BR5-90	71294	99.7	70.3	3.4		
BR2-91	71295	108.7	78.9	3.6	3.4	high grade
BR2-91	71295	182.8	133.7	3.7		
BR2-91	71295	192.5	141.5	3.8		
BR2-91	71295	192.1	130.7	3.1		
BR2-91	71295	223.9	142.7	2.8		
BR2-91	71296	50.6	30	2.5	2.6	
BR2-91	71296	77.5	48.4	2.7		
BR2-91	71296	119.2	76	2.8		
BR2-91	71297	70	45	2.8	3.1	
BR2-91	71297	60.1	43.3	3.6		
BR2-91	71297	156.4	106.6	3.1		
BR2-91	71297	55.9	35.5	2.7		
BR2-91	71297	96.1	65.8	3.2		
BR2-91	71298	54.4	34.9	2.8	2.9	
BR2-91	71298	117.2	73.5	2.7		
BR2-91	71298	93.8	63.4	3.1		
BR2-91	71298	135.7	86	2.7		
BR2-91	71298	96.1	64.3	3.0		
BR2-91	71299	104.8	65.6	2.7	2.8	
BR2-91	71299	83	51.2	2.6		
BR2-91	71299	56.2	35.2	2.7		
BR2-91	71299	94.7	63.8	3.1		
BR2-91	71299	77.4	53	3.2		
BR2-91	71300	70.9	45.6	2.8	2.9	
BR2-91	71300	139.6	93.4	3.0		
BR2-91	71300	75.6	50.9	3.1		
BR2-91	71300	51.4	32.7	2.7		end of vein
BR2-91	71301	67	42.2	2.7	2.8	
BR2-91	71301	78	48.8	2.7		
BR2-91	71301	44.9	31.1	3.3		
BR2-91	71301	81.8	51.4	2.7		
BR2-91	71302	70.4	46.9	3.0	2.8	
BR2-91	71302	55.4	35	2.7		
BR2-91	71302	42.1	26.6	2.7		
BR2-91	71302	96.9	60.9	2.7		
BR2-91	71303	100.7	67.4	3.0	2.9	high grade
BR2-91	71303	62.9	40.3	2.8		
BR2-91	71303	89	55.8	2.7		
BR2-91	71303	49.3	33.6	3.1		
BR2-91	71304	102.6	64.2	2.7	2.8	
BR2-91	71304	106.5	72.6	3.1		
BR2-91	71304	67.6	42.5	2.7		
BR1-92	71305	145.1	90.8	2.7	2.8	
BR1-92	71305	124.8	77.7	2.6		
BR1-92	71305	59.4	37	2.7		
BR1-92	71305	183.8	119.2	2.8		
BR1-92	71305	161.9	109.5	3.1		
BR1-92	71306	93.6	62.5	3.0	3.3	
BR1-92	71306	111.8	84	4.0		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR1-92	71306	114.7	78.2	3.1		
BR1-92	71306	183.2	120.8	2.9		
BR1-92	71308	254.4	171	3.1	2.8	
BR1-92	71308	129.6	86.2	3.0		
BR1-92	71308	62.6	38.8	2.6		
BR1-92	71308	103.4	65.2	2.7		
98-9L	71309	155.8	97.1	2.7	2.7	
98-9L	71309	274.3	171.1	2.7		
98-9L	71309	86.3	53.5	2.6		
98-9L	71309	162.8	104.5	2.8		
98-9L	71309	36.3	22.8	2.7		
98-9L	71310	203.5	129.5	2.8	2.7	
98-9L	71310	232	144.2	2.6		
98-9L	71310	228.5	143.2	2.7		
98-9L	71310	81.9	52.3	2.8		
98-9L	71311	156.6	105.4	3.1	3.1	
98-9L	71311	303.2	196.2	2.8		
98-9L	71311	387.6	277.8	3.5		
98-9L	71312	176.6	124.5	3.4	3.4	
98-9L	71312	122	87.9	3.6		
98-9L	71312	80.6	56.6	3.4		
98VR-04	71313	293.4	195.4	3.0	2.9	
98VR-04	71313	300.4	196	2.9		
98VR-04	71314	129.4	88.8	3.2	3.0	
98VR-04	71314	265.5	175.6	3.0		
98VR-04	71314	192.5	133	3.2		
98VR-04	71314	47.7	29.8	2.7		
98VR-04	71315	151.9	95	2.7	2.7	
98VR-04	71315	86.6	54	2.7		
98VR-04	71315	64.4	42	2.9		
98VR-04	71316	147.7	98.5	3.0	3.4	
98VR-04	71316	226.1	146.3	2.8		
98VR-04	71316	166.4	115.5	3.3		
98VR-04	71316	300.6	231.8	4.4		
98VR-04	71318	144.9	103.8	3.5	3.3	
98VR-04	71318	315.5	212.2	3.1		
98VR-04	71319	204.2	140.8	3.2	3.4	
98VR-04	71319	294	195.4	3.0		
98VR-04	71319	224.1	166.4	3.9		
98VR-04	71320	288	206	3.5	3.3	
98VR-04	71320	153.7	106.5	3.3		
98VR-04	71320	124.3	88.5	3.5		
98VR-04	71320	407	273.9	3.1		
98VR-04	71321	53.3	35.3	3.0	3.7	
98VR-04	71321	107.1	82	4.3		
98VR-04	71321	146	105.6	3.6		
98VR-04	71321	134.2	99.5	3.9		
98VR-04	71322	178	121.4	3.1	3.1	
98VR-04	71322	345.1	229.5	3.0		
98VR-04	71323	225	152	3.1	3.3	
98VR-04	71323	81	56.2	3.3		
98VR-04	71323	297.2	214.6	3.6		
98VR-04	71324	41.9	27.1	2.8	3.3	
98VR-04	71324	359.7	254.6	3.4		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
98VR-04	71324	160.7	125.3	4.5		
98VR-04	71324	69.7	45.7	2.9		
98VR-04	71324	187.4	133.2	3.5		
98VR-04	71324	154.2	101.6	2.9		
98VR-04	71324	81.3	56.6	3.3		
98VR-04	71326	114.8	79.5	3.3	3.1	
98VR-04	71326	220.6	147	3.0		
98VR-04	71326	232.6	150.9	2.8		
98VR-04	71326	54.9	38.6	3.4		
98VR-04	71327	116.1	79.4	3.2	3.0	
98VR-04	71327	226.4	148.8	2.9		
98VR-04	71327	125.1	87.3	3.3		
98VR-04	71327	113.5	72.9	2.8		
98VR-04	71328	191	90.9	1.9	2.7	
98VR-04	71328	186.9	122.1	2.9		
98VR-04	71328	73	50.2	3.2		
98VR-04	71328	274.4	175.5	2.8		
BR1-94	71329	103.7	64.9	2.7	2.9	
BR1-94	71329	53.2	33.7	2.7		
BR1-94	71329	86.4	57.1	2.9		
BR1-94	71329	121	84.7	3.3		
BRU99-23	71329	115.4	78.2	3.1	2.9	
BRU99-23	71329	150.7	97.2	2.8		
BRU99-23	71329	267.1	172.2	2.8		
BRU99-23	71329	147.7	98	3.0		
BR1-94	71330	70.1	46.2	2.9	2.9	
BR1-94	71330	79.7	52.9	3.0		
BR1-94	71330	68.2	42.9	2.7		
BR1-94	71330	110.4	70.7	2.8		
BR1-94	71330	73.5	49.8	3.1		
BRU99-23	71330	175.9	121.9	3.3	3.1	
BRU99-23	71330	367.5	255.5	3.3		
BRU99-23	71330	266.3	170.8	2.8		
BRU99-23	71330	301.1	207.7	3.2		
BRU99-23	71331	137.8	90.1	2.9	3.2	
BRU99-23	71331	138.4	101.1	3.7		
BRU99-23	71331	103.9	68.2	2.9		
BRU99-23	71331	96.2	65.2	3.1		
BRU99-23	71333	168	116.1	3.2	3.3	
BRU99-23	71333	154.7	105.6	3.2		
BRU99-23	71333	100.1	74.5	3.9		
BRU99-23	71333	386.6	247.7	2.8		
BRU99-23	71334	94.5	67.3	3.5	3.2	
BRU99-23	71334	365.8	228.6	2.7		
BRU99-23	71334	307.7	212.3	3.2		
BRU99-23	71334	80.1	55.9	3.3		
BRU99-23	71335	127.9	86.4	3.1	3.0	
BRU99-23	71335	128.1	80.8	2.7		
BRU99-23	71335	194.3	130.7	3.1		
BRU99-23	71335	184.2	122.2	3.0		
BRU99-23	71336	180.6	118.7	2.9	2.7	
BRU99-23	71336	242	157	2.8		
BRU99-23	71336	402.7	246.6	2.6		
BRU99-23	71336	438.8	269	2.6		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU99-23	71337	207.7	142.2	3.2	3.8	
BRU99-23	71337	258.6	208.2	5.1		
BRU99-23	71337	486.8	323.1	3.0		
BRU99-23	71338	228.4	156.4	3.2	3.1	
BRU99-23	71338	152.2	105.8	3.3		
BRU99-23	71338	163.8	109.1	3.0		
BRU99-23	71338	65.8	42.1	2.8		
BRU99-25	71339	332.2	252.6	4.2	3.1	
BRU99-25	71339	65.1	41.8	2.8		
BRU99-25	71339	78.4	53.4	3.1		
BRU99-25	71339	50.9	32.3	2.7		
BRU99-25	71339	178.5	116	2.9		
BRU99-25	71340	299.5	211	3.4	3.2	
BRU99-25	71340	516.3	368.2	3.5		
BRU99-25	71340	217.2	150.6	3.3		
BRU99-25	71340	284.4	184.1	2.8		
BRU99-25	71341	315.4	220.1	3.3	3.3	
BRU99-25	71341	409.8	289.2	3.4		
BRU99-25	71341	507.5	344.9	3.1		
BRU99-25	71341	137	95	3.3		
BRU99-25	71343	194.3	124.4	2.8	3.1	
BRU99-25	71343	325.2	229.5	3.4		
BRU99-25	71343	111.1	76.8	3.2		
BRU99-25	71344	201.6	146.1	3.6	3.3	
BRU99-25	71344	222.1	147.3	3.0		
BRU99-25	71344	205.1	160.6	4.6		
BRU99-25	71344	241.1	116.4	1.9		
BRU99-25	71345	532.2	376.1	3.4	3.4	
BRU99-25	71345	143.6	102.2	3.5		
BRU99-25	71345	198.1	137.2	3.3		
BRU99-25	71346	401.4	285.5	3.5	3.4	
BRU99-25	71346	245.5	172.2	3.3		
BRU99-25	71346	641.6	451.7	3.4		
BRU99-25	71347	405.8	273	3.1	3.2	
BRU99-25	71347	204.9	144.9	3.4		
BRU99-25	71347	369.5	255.3	3.2		
BRU99-24	71354	161.9	102.1	2.7	2.4	
BRU99-24	71354	379.1	237.5	2.7		
BRU99-24	71354	100.6	31.3	1.5		
BRU99-24	71354	295.2	192.7	2.9		
BRU99-24	71355	299.5	196	2.9	2.8	
BRU99-24	71355	338.8	218	2.8		
BRU99-24	71355	223.3	137	2.6		
BRU99-24	71355	496	318.6	2.8		
BRU99-24	71356	147.6	84.5	2.3	2.4	
BRU99-24	71356	310.3	190.4	2.6		
BRU99-24	71356	267.2	155.7	2.4		
BRU99-24	71357	173.6	105.6	2.6	2.6	
BRU99-24	71357	632.4	400.6	2.7		
BRU99-24	71357	271.6	164.7	2.5		
BRU99-24	71358	132.3	86.5	2.9	2.8	
BRU99-24	71358	131.2	80.3	2.6		
BRU99-24	71358	315.4	204.5	2.8		
BRU99-24	71360	114.5	72.3	2.7	2.9	

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU99-24	71360	330.9	229.1	3.3		
BRU99-24	71360	557.3	309.9	2.3		
BRU99-24	71360	245.2	176.6	3.6		
BRU99-24	71361	417	285.3	3.2	3.1	
BRU99-24	71361	334	214.5	2.8		
BRU99-24	71361	536.6	375.9	3.3		
BRU99-24	71362	760	540.2	3.5	3.4	
BRU99-24	71362	390.8	259.2	3.0		
BRU99-24	71362	234.3	172.3	3.8		
BRU01-06	71366	781.8	541	3.2	3.0	
BRU01-06	71366	292.5	188.8	2.8		
BRU01-06	71367	484.4	348.6	3.6	3.6	
BRU01-06	71368	330.6	205.6	2.6	2.6	
BRU01-06	71370	392.8	276.9	3.4	2.9	
BRU01-06	71370	492.9	285	2.4		
BRU05-06	71371	496.6	325.8	2.9	3.0	
BRU05-06	71371	312.7	206.3	2.9		
BRU05-06	71371	168.2	114.6	3.1		
BRU05-06	71371	548.3	370.9	3.1		
BRU05-06	71372	163.8	112.8	3.2	3.2	
BRU05-06	71372	85.9	57	3.0		
BRU05-06	71372	91.8	64.8	3.4		
BRU05-06	71372	336.2	225.2	3.0		
BRU05-06	71373	678.6	455.1	3.0	3.2	
BRU05-06	71373	499.1	336.8	3.1		
BRU05-06	71373	410.3	289	3.4		
BRU05-06	71373	278.4	197.4	3.4		
BRU05-06	71374	109.1	77.1	3.4	3.2	
BRU05-06	71374	83.8	57.2	3.2		
BRU05-06	71374	229.4	160.4	3.3		
BRU05-06	71374	303.9	197.3	2.9		
BRU05-06	71374	112	77.3	3.2		
BRU05-06	71375	171	114.9	3.0	2.9	
BRU05-06	71375	184.1	115	2.7		
BRU05-06	71375	92.9	63	3.1		
BRU05-06	71375	117.1	77.5	3.0		
BRU05-06	71376	133.4	87.6	2.9	3.0	
BRU05-06	71376	41.3	27.7	3.0		
BRU05-06	71376	72.4	48.8	3.1		
BRU05-06	71376	35.2	23.8	3.1		
BRU05-06	71377	130.3	81.8	2.7	2.7	
BRU05-06	71377	190.3	121.6	2.8		
BRU05-06	71377	181.3	113.8	2.7		
BRU05-06	71377	154	96.2	2.7		
BRU05-06	71378	118.8	84.4	3.5	3.4	
BRU05-06	71378	543.3	380	3.3		
BRU05-06	71378	428.9	300.5	3.3		
BRU05-06	71378	118	83.5	3.4		
BRU05-06	71379	78.5	56.3	3.5	3.3	
BRU05-06	71379	187.5	124.8	3.0		
BRU05-06	71379	146	103.4	3.4		
BRU05-06	71379	365.8	258.5	3.4		
BRU05-06	71380	77.7	49.5	2.8	3.1	
BRU05-06	71380	435.5	309.9	3.5		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU05-06	71380	44.2	29.9	3.1		
BRU05-06	71380	371.7	254.8	3.2		
BRU05-06	71381	95.8	64.3	3.0	3.5	
BRU05-06	71381	232.8	154.3	3.0		
BRU05-06	71381	343.4	269.3	4.6		
BRU05-06	71382	206.3	140.2	3.1	3.0	
BRU05-06	71382	338.2	200.1	2.4		
BRU05-06	71382	178.6	121.4	3.1		
BRU05-06	71382	612.2	416.2	3.1		
BRU05-07	71383	286	188.1	2.9	3.0	
BRU05-07	71383	245.4	163.1	3.0		
BRU05-07	71383	588.2	368.2	2.7		
BRU05-07	71383	622.4	404.5	2.9		
BRU05-07	71383	146.7	104.2	3.5		
BRU05-07	71385	377.7	265.2	3.4	3.4	
BRU05-07	71385	216.6	151.3	3.3		
BRU05-07	71385	165	116.5	3.4		
BRU05-07	71385	53	37.7	3.5		
BRU05-07	71386	135.6	95.9	3.4	3.3	
BRU05-07	71386	311.2	215.5	3.3		
BRU05-07	71386	364.5	251.1	3.2		
BRU05-07	71386	64.2	45.2	3.4		
BRU05-07	71387	369.7	244	2.9	3.8	
BRU05-07	71387	348.9	288	5.7		
BRU05-07	71387	135.9	92.3	3.1		
BRU05-07	71387	291.1	204.2	3.3		
BRU05-07	71387	196	144	3.8		
BRU05-07	71388	407.8	285.4	3.3	3.4	
BRU05-07	71388	272.3	198.3	3.7		
BRU05-07	71388	115.3	79.6	3.2		
BRU05-07	71388	402.1	277.4	3.2		
BRU05-10	71389	626.7	430.4	3.2	3.1	
BRU05-10	71389	439.8	311.5	3.4		
BRU05-10	71389	281.2	189.2	3.1		
BRU05-10	71389	423.8	276.9	2.9		
BRU05-10	71392	159.5	88.8	2.3	3.0	
BRU05-10	71392	56.5	39.3	3.3		
BRU05-10	71392	269.4	177.2	2.9		
BRU05-10	71392	349	255.4	3.7		
BRU05-10	71393	372.6	215.1	2.4	2.7	
BRU05-10	71393	216	135.9	2.7		
BRU05-10	71393	164.6	104.4	2.7		
BRU05-10	71393	321.4	208.3	2.8		
BRU05-10	71394	276.2	178.9	2.8	2.7	
BRU05-10	71394	425.2	266.9	2.7		
BRU05-10	71394	374.3	236.1	2.7		
BRU05-10	71394	88.1	56.1	2.8		
BRU05-10	71395	202.8	130.6	2.8	2.9	
BRU05-10	71395	422.6	267.3	2.7		
BRU05-10	71395	229.9	156.4	3.1		
BRU05-10	71395	338.2	214.9	2.7		
BRU05-10	71396	312.8	198.6	2.7	2.8	
BRU05-10	71396	269.4	175.3	2.9		
BRU05-10	71396	343.9	217.3	2.7		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU05-10	71397	106.1	66.6	2.7	2.9	
BRU05-10	71397	189.5	126.6	3.0		
BRU05-10	71397	468.2	313.9	3.0		
BRU05-10	71397	175.8	109.3	2.6		
BRU05-10	71397	340.5	226.3	3.0		
BRU06-29	71398	183.9	115.5	2.7	3.0	
BRU06-29	71398	64.1	40.8	2.8		
BRU06-29	71398	313.6	211.8	3.1		
BRU06-29	71398	281.2	200	3.5		
BRU06-29	71399	325.9	227.5	3.3	3.1	
BRU06-29	71399	210.4	145.2	3.2		
BRU06-29	71399	306	200	2.9		
BRU06-29	71400	215.9	149.3	3.2	3.2	
BRU06-29	71400	239.2	164.8	3.2		
BRU06-29	71400	400.9	266.3	3.0		
BRU06-29	71400	563.1	394.3	3.3		
BRU06-29	71401	163.1	105.7	2.8	3.0	
BRU06-29	71401	62.1	40.3	2.8		
BRU06-29	71401	142.8	94.5	3.0		
BRU06-29	71401	419.4	299.8	3.5		
BRU06-29	71402	431	299.8	3.3	3.3	
BRU06-29	71402	625.2	441.2	3.4		
BRU06-29	71403	206.6	140.7	3.1	3.2	
BRU06-29	71403	395	280.3	3.4		
BRU06-29	71403	338.9	224.3	3.0		
BRU06-29	71403	602.3	426.5	3.4		
BRU06-32	71404	743.5	438.4	2.4	2.8	
BRU06-32	71404	610.2	404.3	3.0		
BRU06-32	71404	504.9	341.5	3.1		
BRU06-32	71405	355.6	221.8	2.7	2.9	
BRU06-32	71405	538.7	342.9	2.8		
BRU06-32	71405	622.4	412	3.0		
BRU06-32	71405	712.5	500.8	3.4		
BRU06-32	71406	288.7	208.6	3.6	3.3	
BRU06-32	71406	675.8	472.8	3.3		
BRU06-32	71406	254.6	175.3	3.2		
BRU06-32	71406	197.6	130.4	2.9		
BRU06-32	71408	50.6	37.2	3.8	3.2	
BRU06-32	71408	159.2	99.3	2.7		
BRU06-32	71408	236.7	161.4	3.1		
BRU06-32	71409	262.5	168.5	2.8	2.9	
BRU06-32	71409	178.5	118.6	3.0		
BRU06-32	71409	470.4	313	3.0		
BRU06-31	71410	292.7	186.3	2.8	3.0	
BRU06-31	71410	170.1	118	3.3		
BRU06-31	71410	435.5	293.4	3.1		
BRU06-31	71411	687	477.9	3.3	3.4	
BRU06-31	71411	364.8	242.1	3.0		
BRU06-31	71411	138.7	88	2.7		
BRU06-31	71411	313.5	245.3	4.6		
BRU06-31	71412	269.5	180.9	3.0	3.1	
BRU06-31	71412	374.9	253	3.1		
BRU06-31	71412	737.7	506	3.2		
LEV3-05	71423	152.8	96.4	2.7	2.9	

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
LEV3-05	71423	99.3	62.7	2.7		
LEV3-05	71423	50.9	34.3	3.1		
LEV3-05	71423	88.4	60.1	3.1		
LEV3-05	71423	212.6	137.4	2.8		
LEV3-05	71424	179.9	117.7	2.9	3.1	
LEV3-05	71424	72.5	49.9	3.2		
LEV3-05	71424	312.3	210.4	3.1		
LEV3-05	71424	221.2	155.5	3.4		
LEV3-05	71425	80.8	58.1	3.6	2.9	
LEV3-05	71425	111.1	69.6	2.7		
LEV3-05	71425	62.6	38.5	2.6		
LEV3-05	71425	66.5	41.5	2.7		
LEV3-05	71426	160.3	103.7	2.8	3.0	
LEV3-05	71426	156.2	106	3.1		
LEV3-05	71426	159.7	109.4	3.2		
LEV3-05	71426	115.2	76.2	3.0		
BRU00-43	71429	161.3	109.2	3.1	2.9	
BRU00-43	71429	90.6	58.4	2.8		
BRU00-43	71429	102.6	66.5	2.8		
BRU00-43	71430	213.5	139.7	2.9	3.0	
BRU00-43	71430	271	190.8	3.4		
BRU00-43	71430	251.4	171.9	3.2		
BRU00-43	71430	226.2	142.9	2.7		
BRU00-43	71431	259	168	2.8	3.1	
BRU00-43	71431	39	27.3	3.3		
BRU00-43	71431	194.7	134.9	3.3		
BRU00-59	71433	106.1	69.8	2.9	3.2	
BRU00-59	71433	33.3	24.7	3.9		
BRU00-59	71433	211.6	136.9	2.8		
BRU00-59	71434	95.8	60.6	2.7	2.8	
BRU00-59	71434	94.2	61.2	2.9		
BRU00-59	71434	271.1	172.3	2.7		
BRU00-65	71435	247	155.7	2.7	2.9	
BRU00-65	71435	116.7	75.4	2.8		
BRU00-65	71435	193.6	132.9	3.2		
BRU00-65	71436	209.9	133.3	2.7	2.8	
BRU00-65	71436	193.7	121.3	2.7		
BRU00-65	71436	133.8	90.7	3.1		
BRU00-65	71437	93.3	63.3	3.1	3.3	
BRU00-65	71437	78.2	57.3	3.7		
BRU00-65	71437	256.1	170.4	3.0		
BRU00-65	71438	136	84.8	2.7	2.7	
BRU00-65	71438	142.6	89.3	2.7		
BRU00-65	71438	54.2	35.3	2.9		
BRU00-66	71439	51.7	33.5	2.8	3.2	
BRU00-66	71439	86.7	61.1	3.4		
BRU00-66	71439	45.9	32.5	3.4		
BRU00-66	71440	219.4	149.4	3.1	3.1	
BRU00-66	71440	280.2	188.3	3.0		
BRU00-66	71440	134.2	91.3	3.1		
BRU00-66	71441	379.7	208.7	2.2	2.6	
BRU00-66	71441	209.7	130	2.6		
BRU00-66	71441	176.2	115.2	2.9		
BRU00-66	71443	216.9	139	2.8	2.9	

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU00-66	71443	167.1	112.1	3.0		
BRU00-66	71443	266.2	175	2.9		
BRU00-67	71444	102.4	66.5	2.9	2.8	
BRU00-67	71444	91.3	59.4	2.9		
BRU00-67	71444	68.6	44	2.8		
BRU00-67	71445	278.3	177	2.7	2.8	
BRU00-67	71445	201.5	127.5	2.7		
BRU00-67	71445	241.5	159.9	3.0		
BRU00-67	71446	95.4	65.6	3.2	3.1	
BRU00-67	71446	93.1	64	3.2		
BRU00-67	71446	141.3	94.7	3.0		
BRU00-67	71447	75.5	47.5	2.7	2.8	
BRU00-67	71447	87.3	54.8	2.7		
BRU00-67	71447	74	50.3	3.1		
BRU00-67	71447	142	87.3	2.6		
BRU01-05	71448	91.1	58.5	2.8	2.7	
BRU01-05	71448	80.4	50.1	2.7		
BRU01-05	71448	70.8	44.4	2.7		
BRU01-05	71448	68.1	42.3	2.6		
BRU01-05	71449	149.7	102.9	3.2	3.1	
BRU01-05	71449	44.9	31.3	3.3		
BRU01-05	71449	51	31.5	2.6		
BRU01-05	71449	74.4	50.9	3.2		
BRU01-06	71450	49.2	34.7	3.4	3.1	
BRU01-06	71450	159.9	104.4	2.9		
BRU01-06	71450	83.1	53.7	2.8		
BRU01-06	71450	53.3	36.3	3.1		
BRU01-06	71451	94.8	65.3	3.2	3.1	
BRU01-06	71451	54.4	36.4	3.0		
BRU01-06	71451	196.5	136.9	3.3		
BRU01-06	71451	57	37.4	2.9		
BRU00-63	71452	205	137.8	3.1	3.3	
BRU00-63	71452	181.1	122.5	3.1		
BRU00-63	71452	232.5	165.7	3.5		
BRU00-63	71452	79.2	56.5	3.5		
BRU00-63	71453	140.7	92.7	2.9	2.9	
BRU00-63	71453	63.5	38.9	2.6		
BRU00-63	71453	106.3	71.1	3.0		
BRU00-63	71453	139.4	94.6	3.1		
BRU00-63	71454	232.9	155.8	3.0	3.0	
BRU00-63	71454	177.5	115.5	2.9		
BRU00-63	71454	76.1	51.9	3.1		
BRU00-64	71455	133.2	83.5	2.7	2.7	
BRU00-64	71455	129.2	82.1	2.7		
BRU00-64	71455	78.2	48.5	2.6		
BRU00-64	71456	182.7	124.7	3.2	2.7	
BRU00-64	71456	80	44.3	2.2		
BRU00-64	71456	83.8	51.6	2.6		
BRU00-64	71456	105	65.5	2.7		
BRU00-64	71458	86	61.5	3.5	3.1	
BRU00-64	71458	210.2	140.3	3.0		
BRU00-64	71458	142.9	93.6	2.9		
BRU00-64	71459	131.8	86.6	2.9	3.2	
BRU00-64	71459	165.9	116.4	3.4		

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU00-64	71459	122	85.5	3.3		
BRU00-64	71459	91	62.7	3.2		
BRU00-64	71460	99.6	66.9	3.0	3.1	
BRU00-64	71460	137.2	97	3.4		
BRU00-64	71460	73.1	47.4	2.8		
BR-02-07/08	176429	486.9	177.7	1.6	2.5	
BR-02-07/08	176429	373.3	243	2.9		
BR-02-07/08	176429	364.2	248.3	3.1		high grade
BR-02-07/08	176430	309.4	195.6	2.7	3.0	
BR-02-07/08	176430	299.3	201.3	3.1		
BR-02-07/08	176430	294.3	201.8	3.2		high grade
BR-02-07/08	176431	651.1	408.8	2.7	2.7	
BR-02-07/08	176431	494.7	313.8	2.7		
BR-02-07/08	176431	473.8	299.6	2.7		
BR-02-07/08	176434	797	508.2	2.8	2.8	
BR-02-07/08	176434	1377.4	888.8	2.8		
BR-02-07/08	176434	1165.2	741	2.7		
BR-02-07/08	176435	144.5	73.4	2.0	2.6	
BR-02-07/08	176435	935.1	612.8	2.9		
BR-02-07/08	176435	1144.5	727.3	2.7		
BR-04-08	176451	348.1	220.1	2.7	2.8	
BR-04-08	176451	224.1	148.4	3.0		
BR-04-08	176451	421	266.8	2.7		
BR-04-08	176452	238.8	149.8	2.7	2.7	
BR-04-08	176452	315.4	202.9	2.8		
BR-04-08	176452	430.8	272.9	2.7		
BR-04-08	176453	347.8	230	3.0	3.2	high grade
BR-04-08	176453	960.9	710	3.8		
BR-04-08	176453	170.9	108.2	2.7		
BR-06-08	176454	467.9	306.9	2.9	3.1	
BR-06-08	176454	118.9	79.8	3.0		
BR-06-08	176454	494.3	350.2	3.4		high grade
BR-06-08	176455	394.4	261.8	3.0	2.9	
BR-06-08	176455	529.1	335.1	2.7		
BR-06-08	176455	1154.5	776.8	3.1		high grade
BR-06-08	176456	1504.4	1086.4	3.6	3.2	high grade
BR-06-08	176456	1576.5	1091.9	3.3		high grade
BR-06-08	176456	449.9	283.4	2.7		
BR-06-08	176458	623.4	393	2.7	2.7	
BR-06-08	176458	169.4	106.7	2.7		
BR-06-08	176458	1122.4	726.1	2.8		
BR-06-08	176459	828.2	519.9	2.7	2.7	
BR-06-08	176459	858.6	547.9	2.8		
BR-06-08	176459	1201.1	771	2.8		
BR-06-08	176460	637.9	413	2.8	3.0	
BR-06-08	176460	797.6	557	3.3		high grade
BR-06-08	176460	769.5	497.2	2.8		
BR-06-08	176462	1200.2	764.7	2.8	2.8	
BR-06-08	176462	1431.7	941	2.9		high grade
BR-06-08	176462	746.4	485.9	2.9		high grade
BR-06-08	176463	1476.4	1058.2	3.5	3.6	high grade
BR-06-08	176463	1987	1462.7	3.8		high grade
BR-06-08	176463	1069.7	766.6	3.5		high grade
BR-06-08	176464	422.3	269	2.8	2.8	

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BR-06-08	176464	678.6	433.9	2.8		
BR-06-08	176464	735.4	469.4	2.8		
BR-06-08	176465	311	217.3	3.3	3.1	
BR-06-08	176465	510.8	343.4	3.1		
BR-06-08	176465	1293.3	861.3	3.0		
BR-06-08	176466	224.6	143.3	2.8	2.9	
BR-06-08	176466	313.8	216.3	3.2		
BR-06-08	176466	196	125.4	2.8		
BR-06-08	176467	489.6	306	2.7	2.8	
BR-06-08	176467	232.2	147	2.7		
BR-06-08	176467	121.3	82.8	3.2		
BR-06-08	176468	801.1	525.9	2.9	2.8	
BR-06-08	176468	302	190.8	2.7		
BR-06-08	176468	920.6	602.4	2.9		
BR-06-08	176469	305.3	189.5	2.6	2.8	
BR-06-08	176469	374.6	237.2	2.7		
BR-06-08	176469	1579.4	1056.3	3.0		
BR-08-08	176470	637.1	457.2	3.5	3.3	
BR-08-08	176470	393.9	268	3.1		
BR-08-08	176470	787.1	553.6	3.4		
BR-08-08	176471	722.7	456.3	2.7	2.7	
BR-08-08	176471	528.5	338.1	2.8		
BR-08-08	176472	928	604.9	2.9	2.8	
BR-08-08	176472	737.7	473.9	2.8		
BR-08-08	176472	519.3	337.8	2.9		
BR-08-08	176473	454.9	321.7	3.4	3.4	
BR-08-08	176473	895.6	570	2.8		
BR-08-08	176473	572	434.4	4.2		high grade
BR2-92	N/A	109.9	70.1	2.8	2.7	Metaseds between 71223 and 71224
BR2-92	N/A	63.5	40.2	2.7		Metaseds between 71223 and 71224
BR4-92	N/A	215.3	137	2.7	2.7	Metaseds between 71217 and 71216
BR5-91	N/A	149.5	95.8	2.8	2.8	Metaseds between 71208 and 71211
BR5-91	N/A	151.6	98.9	2.9		Metaseds between 71208 and 71211
BR5-91	N/A	362.3	232.6	2.8	2.8	Metaseds between 71212 and 71213
BR5-91	N/A	381.2	246.3	2.8		Metaseds between 71212 and 71213
BR2-91	N/A	355.6	238.9	3.0	2.9	metaseds between 71300 and 71301
BR2-91	N/A	61	39	2.8		metaseds between 71300 and 71301
BR2-91	N/A	155.3	98.5	2.7	2.7	metaseds at end of sample between 71304 and 71305
BR1-92	N/A	337.7	230.3	3.1	3.1	metaseds between 71305 and 71306
98VR-4	N/A	261.4	166.7	2.8	2.8	Metaseds between 71316 and 71318
98VR-4	N/A	278.8	177.7	2.8		Metaseds between 71316 and 71318
98VR-4	N/A	123.8	85.1	3.2	2.9	metaseds between 71322 and 71323
98VR-4	N/A	239.2	150.4	2.7		metaseds between 71322 and 71323
98VR-4	N/A	74.5	39.7	2.1	2.1	metaseds between 71323 and71234
98VR-4	N/A	120.3	64.1	2.1		metaseds between 71323 and71234
98VR-4	N/A	216.1	141.6	2.9	2.9	metaseds between 71235 and 71236
98VR-4	N/A	140	91	2.9		metaseds between 71235 and 71236
BRU99-23	N/A	479.4	319.5	3.0	3.0	metaseds between 71329 and 71330
BRU99-23	N/A	408.9	270	2.9		metaseds between 71329 and 71330
BRU00-63	N/A	240.9	155.9	2.8	2.8	metaseds between 71452 and 71453
BRU00-63	N/A	288.6	185.7	2.8		metaseds between 71452 and 71453
BRU01-05	N/A	139.6	97.7	3.3	3.1	metaseds between 71448 and 71449
BRU01-05	N/A	166.5	107.3	2.8		metaseds between 71448 and 71449

DH ID	Sample #	Dry (g)	Wet (g)	SG	Average SG	Comments
BRU00-64	N/A	65.7	43.2	2.9	2.9	metaseds between 71455 and 71456
BRU00-64	N/A	168	111.1	3.0		metaseds between 71455 and 71456
BRU00-64	N/A	232.6	146.2	2.7	3.1	metaseds between 71458 and 71459
BRU00-64	N/A	89.7	63.5	3.4		metaseds between 71458 and 71459
98-L3-5 (LEV3-05)	N/A	179	113	2.7	2.7	metaseds between 71423 and 71424
98-L3-5 (LEV3-05)	N/A	119.7	75.5	2.7		metaseds between 71423 and 71424
BR-02-07/08	N/A	600.2	386.9	2.8	2.8	metaseds above 176429
BR-02-07/08	N/A	607	386.6	2.8		metaseds above 176429
BR-02-07/08	N/A	1408.1	894	2.7	2.7	metaseds between 176430 and 176431
BR-02-07/08	N/A	1019.3	650	2.8		metaseds between 176430 and 176431
BR-02-07/08	N/A	847.3	541.4	2.8	2.8	metaseds below 176431
BR-02-07/08	N/A	315.3	200.9	2.8		metaseds below 176431
BR-02-07/08	N/A	207.3	132.4	2.8	2.8	metaseds above 176434
BR-02-07/08	N/A	147.5	94.7	2.8		metaseds above 176434
BR-02-07/08	N/A	386	250	2.8	2.8	metaseds below 176435
BR-02-07/08	N/A	668.4	430	2.8		metaseds below 176435
BR-06-08	N/A	176.2	112.1	2.7	2.7	metaseds above 176454
BR-06-08	N/A	155.4	98.1	2.7		metaseds above 176454
BR-08-08	N/A	356.3	227.1	2.8	2.7	metaseds between 176470 and 176471
BR-08-08	N/A	364.5	230.6	2.7		metaseds between 176470 and 176471
BR-08-08	N/A	423.9	276.4	2.9	2.9	metaseds below 176473
BR-08-08	N/A	263.1	174.8	3.0		metaseds below 176473

APPENDIX E – List of Drillholes and UG Workings Sampled

DH ID	Length (m)	UTM E	UTM N	Elev.
6W1-03	7	617113.0	5484409.8	715.45
6W1-02	3.4	617100.8	5484387.3	715.93
6W1-01	1.6	617095.3	5484389.1	716.63
6W1-04	5	617105.2	5484409.2	718.45
6W1-05	5	617097.2	5484408.0	718.45
6W1-06	5	617089.2	5484408.1	718.45
6W1-07	4	617081.2	5484407.7	718.45
6W1-08	5	617073.2	5484407.7	714.75
6W2-01	1	616912.7	5484378.3	717.43
6W2-02	1.4	616916.7	5484374.6	717.43
6W2-03	1.65	616938.8	5484418.2	717.03
6W2-04	1.35	616943.3	5484415.4	717.03
6W2-05	8.8	616947.8	5484432.3	717.43
6W2-06	7.7	616955.5	5484433.4	717.33
6W2-07	1.9	616966.0	5484458.5	717.32
6W2-08	3	616972.2	5484458.5	717.72
6W3-01	6	616787.6	5484456.3	717.41
6W3-02	6	616792.6	5484454.8	717.61
6N-01	5	617264.9	5484386.7	714.22
6N-02	6	617256.9	5484388.8	717.22
6N-03	7	617249.0	5484390.0	717.22
6N-04	4	617241.6	5484393.0	717.22
6N-05	4	617233.6	5484392.6	717.22
6N-06	4	617224.8	5484394.1	717.22
6N-07	4	617217.0	5484396.6	717.22
6M-01	5	617220.0	5484321.4	715.92
6M-02	4	617226.4	5484321.8	715.32
6SE-01	4	617195.5	5484283.6	718.57
6SE-02	4	617203.0	5484281.7	718.23
6SE-03	6	617207.7	5484278.6	718.23
6SE-04	5	617205.0	5484277.4	718.23
6SE-05	4	617220.0	5484277.6	718.23
6SE-06	4	617227.8	5484275.2	718.17
6SE-07	4	617235.8	5484272.8	718.17
6SE-08	4	617244.4	5484273.6	718.17
6SE-09	4	617252.2	5484273.2	718.17
6SE-10	4	617259.0	5484272.2	718.58
6SE-11	5	617267.3	5484270.1	718.58
6SE-12	4	617273.3	5484266.8	718.58
6SE-13	3	617282.2	5484264.0	718.58
6SE-14	4	617219.6	5484263.7	719.05
6SE-15	4	617301.2	5484265.7	719.05
6SE-16	6.7	617309.8	5484268.2	719.05
6SE-17	5	617314.9	5484267.6	718.73
6SE-18	4	617324.0	5484268.0	718.73
6SE-19	4	617333.0	5484270.1	718.73
6SE-20	4	617340.0	5484269.4	718.73
6SE-21	4	617347.6	5484226.7	718.82

DH ID	Length (m)	UTM E	UTM N	Elev.
6SE-26	5	617357.2	5484273.0	715.76
6SE-27	8	617367.1	5484270.7	715.76
6SE-22	6	617356.4	5484276.4	718.82
6SE-23	5	617356.4	5484264.4	718.76
6SE-24	4	617372.0	5484263.8	718.76
6SE-25	4	617379.9	5484261.5	718.76
6SE-28	5	617384.2	5484259.2	719.04
6SE-29	4	617394.1	5484255.8	719.04
6SE-30	5	617401.9	5484254.0	719.34
6SE-31	4	617410.2	5484251.2	719.34
6SE-32	4	617415.4	5484249.6	719.34
6SE-33	5.1	617424.5	5484261.2	719.44
6SE-34	4	617432.6	5484260.4	719.44
6SE-35	4.7	617440.1	5484259.9	719.44
7M-7W1-01	9	616961.5	5484417.9	670.94
7M-7W1-02	2	616955.8	5484425.1	673.94
7M-7W1-03	2	616947.8	5484427.2	673.94
7M-7W1-04	2	616940.2	5484430.4	673.94
7M-7W1-05	4	616932.7	5484432.5	673.94
7M-7W1-06	2	616926	5484436.4	674.24
7M-7W1-07	4	616918.8	5484434.8	674.25
7M-7W1-08	3	616910.4	5484436.6	674.45
7M-7W1-09	4	616902.5	5484438.2	674.70
7M-7W1-10	4	616894.3	5484438.8	674.70
7M-7W1-11	4	616886.6	5484440.8	674.57
7M-7W1-12	4	616879.3	5484442.2	674.63
7M-7W1-13	3	616867.7	5484442.4	674.63
7N-01	17	617097.6	5484395.4	671.70
7N-02	4	617105.8	5484399.2	674.81
7N-03	7	617106.2	5484404.7	671.81
7N-04	4	617113.8	5484399.8	674.81
7N-05	3	617121.6	5484401.6	674.81
7N-06	3	617129	5484402.2	675.36
7N-07	3	617137.4	5484401.6	675.06
7N-08	7	617146.6	5484400.2	675.06
7N-09	5	617155.4	5484403.6	675.76
7N-10	5	617162.6	5484408.1	675.76
7N-11	5	617169.8	5484411.1	675.76
7N-12	5	617177.4	5484412.7	675.76
7M-7W1_S-01	3	616927.7	5484345.2	674.99
7M-7W1_S-02	4	616934.2	5484341.2	672.55
7M-7W1_S-03	3	616939.6	5484334.0	672.55
7M-7W1_S-04	5	616945.2	5484320.8	672.55
7E1S-01	4	617024.1	5484296.2	675.98
7E1S-02	4	617032.3	5484294.5	675.98
7E1S-03	4	617040.9	5484293.4	676.11
7E1S-04	4	617049.0	5484293.8	676.11
7E1S-05	5	617046.2	5484298.4	673.51

DH ID	Length (m)	UTM E	UTM N	Elev.
7W1-7W4-01	6	616779.0	5484454.7	672.41
7W1-7W4-02	4	616774.5	5484447.5	672.41
7W1-7W4-03	13	616777.6	5484451.9	672.41
7W1-7W4-04	5	616773.2	5484455.5	675.45
7W1-7W4-05	4	616765.3	5484457.6	675.40
7W1-7W4-06	3	616757.7	5484459.5	675.40
7W1-7W4-07	3	616750.1	5484461.6	675.40
7W1-7W4-08	4	616737.3	5484462	675.40
7W1-7W4-09	4	616734.1	5484461.8	676.01
7W1-7W4-11	5	616726.1	5484460.2	676.01
7W1-7W4-10	6	616725.5	5484465.2	676.01
7W1-7W4-12	3	616717.9	5484460.9	676.12
7W1-7W4-13	2.7	616710	5484464.6	676.39
7W1-7W4-14	2	616702.9	5484468.3	676.39
7W1-7W4-15	3	616695.6	5484472.9	676.07
7W1-7W4-16	3	616689.4	5484478.1	676.07
7W1-7W4-17	2	616683.2	5484483.5	676.07
7W1-7W4-18	4	616675.7	5484485	676.35
7W1-7W4-20	6	616642.7	5484506.2	677.51
7W1-7W4-19	7	616648.5	5484512.7	677.51
7W1-7W4-21	6	616639.3	5484514.5	677.51
7W1-7W4-22	5	616634.9	5484520.1	677.47
7W1-7W4-23	4	616626.7	5484520.6	677.47
7W1-7W4-24	4	616617.9	5484525.4	677.38
7W1-7W4-25	5	616611.5	5484529.0	677.43
7W1-7W4-26	5	616605.4	5484534.6	677.43
7W1-7W4-27	4	616599.1	5484539.4	677.43
7W1-7W4-28	6	616592.1	5484544.3	678.69
7W1-7W4-29	5	616577.4	5484551.8	678.69
7W1-7W4-30	4	616582.8	5484566.7	678.01
7W1-7W4-31	5	616579.1	5484572.6	678.01
7W1-7W4-32	5	616574.8	5484578.6	678.10
7W1-7W4-33	5	616567.7	5484582.5	678.10
7W1-7W4-34	5	616560.8	5484586.9	678.10
7W1-7W4-35	5	616554.8	5484592.2	678.10
7W1-7W4-36	4.3	616551.4	5484540.1	678.76
7W1-7W4-37	4	616546.0	5484601.7	678.76
7W1-7W4-38	5	616541.0	5484608.4	678.01
7W1-7W4-41	4	616534.1	5484611.6	678.02
7W1-7W4-42	4	616527.4	5484616.1	678.53
7W1-7W4-43	4	616522.0	5484623.5	678.53
7W1-7W4-44	4	616518.3	5484630.9	678.53
7W1-7W4-40	2	616542.8	5484621.0	677.93
7W1-7W4-39	3	616534.2	5484598.2	678.49
7W1-7M_S-01	5	616789.1	5484448.0	675.60
7W1-7M_S-02	5	616795.9	5484443.8	675.33
7W1-7M_S-03	5	616802.4	5484439.5	675.21
7W1-7M_S-04	5.4	616807.0	5484432.4	675.21

DH ID	Length (m)	UTM E	UTM N	Elev.
7W1-7M_S-05	5	616813.1	5484427.1	675.35
7W1-7M_S-06	5	616820.0	5484422.8	675.23
7W1-7M_S-07	5	616825.8	5484417.6	675.23
7W1-7M_S-08	10	616829.5	5484409.1	675.34
7W1-7M_S-09	1.2	616837.6	5484401.7	673.34
7W1-7M_S-10	4	616839.0	5484394.8	673.34
8E-01	3	616688.0	5484456.6	627.08
8E-02	16	616688.5	5484459.8	630.08
8E-03	8	616687.7	5484475.8	627.08
8E-04	4	616695.2	5484461.1	630.08
8E-05	6	616703.6	5484459.2	630.07
8E-06	1	616708.8	5484466.4	628.47
8E-07	2.8	616709.3	5484456.4	628.57
8E-08	4.2	616711.2	5484458.0	630.07
8E-09	4.7	616718.7	5484456.1	630.07
8E-10	4	616725.9	5484447.6	630.14
8E-11	4.1	616732.8	5484448.6	630.14
8E-12	7.1	616739.2	5484443.5	630.14
8E-13	7.1	616742.2	5484438.3	627.14
8E-14	4	616747.9	5484442.9	630.42
8E-15	4	616753.9	5484437.8	630.42
8E-16	3.6	616760.5	5484433.6	630.80
8E-17	4	616768.8	5484430.4	630.80
8E-18	4	616776.8	5484429.3	630.80
8E-19	7	616780.3	5484427.6	630.97
8E-20	4.9	616785.9	5484424.0	630.97
8E-21	5	616791.9	5484418.3	630.97
8E-22	4.8	616798.9	5484414.2	630.97
8E-23	4	616805.7	5484410.0	630.97
8E-24	4.7	616812.0	5484409.0	631.81
8E-25	8	616816.8	5484397.7	631.81
8E-26	5	616824.6	5484393.8	631.81
8E-27	5.7	616832.0	5484390.0	630.81
8E-28	5	616838.5	5484385.4	630.81
8E-29	5	616838.1	5484385.4	628.31
8E-30	13	616855.6	5484413.2	628.66
8E-N-01	4.75	616866.5	5484426.8	631.81
8E-N-02	5	616875.2	5484424.1	631.81
8E-N-03	4	616884.2	5484426.6	630.54
8E-N-04	4	616891.9	5484427.9	631.81
8E-N-05	4	616891.7	5484433.3	630.54
8E-N-06	9	616899.0	5484424.6	631.81
8E-N-07	16	616911.4	5484410.8	629.02
8E-N-08	4.6	616906.8	5484426.4	631.81
8E-N-09	4.9	616914.5	5484424.4	631.81
8E-N-10	4.1	616923.0	5484422.4	631.91
8E-N-11	3.9	616931.5	5484421.4	631.91
8E-N-12	4.7	616939.1	5484421.9	631.91

DH ID	Length (m)	UTM E	UTM N	Elev.
8E-N-13	4.5	616947.0	5484420.0	631.91
8E-N-14	6.8	616953.2	5484415.1	631.76
8E-N-15	10	616961.3	5484419.9	631.76
8E-N-16	4.6	616970.1	5484411.4	631.76
8E-N-17	4.3	616978.3	5484411.2	632.04
8E-N-18	4.3	616986.2	5484411.0	632.04
8E-N-19	4.1	616994.2	5484410.8	632.04
8E-N-20	4.2	617002.4	5484410.2	632.04
8E-N-21	4.4	617010.2	5484409.4	632.04
8E-N-22	4.7	617017.4	5484408.0	631.59
8E-N-23	4.1	617025.1	5484405.6	631.59
8E-N-24	8	617032.3	5484403.8	631.59
8E-N-25	4.4	617040.7	5484402.0	632.05
8E-N-26	4.2	617049.0	5484400.8	632.05
8E-N-27	6.4	617055.9	5484396.0	632.05
8E-N-28	8.1	617064.0	5484393.5	632.05
8E-N-29	4.3	617071.8	5484391.6	632.05
8E-N-30	4.2	617079.0	5484389.4	632.05
8E-N-31	4.3	617011.7	5484386.4	632.05
8E-N-32	4.1	617095.2	5484385.6	632.09
8E-N-33	4.3	617104.3	5484385.5	632.09
8E-N-34	4	617111.2	5484386.0	632.09
8E-N-35	4	617118.8	5484385.3	632.09
8E-N-36	5	617127.0	5484383.4	632.09
8E-N-37	5	617135.0	5484381.6	629.59
8E-N-38	4	617134.6	5484386.4	629.59
8W-01	4.7	616510.6	5484624.5	628.81
8W-02	5	616517.0	5484620.4	631.81
8W-03	4.2	616523.0	5484615.6	631.78
8W-04	4.5	616529.5	5484610.6	631.78
8W-05	4.6	616535.8	5484605.9	631.78
8W-06	4.4	616543.2	5484601.6	631.78
8W-07	4	616550.4	5484598.1	631.78
8W-08	4	616556.1	5484593.9	631.78
8W-09	4.4	616562.0	5484588.5	631.78
8W-10	3.5	616567.1	5484582.5	631.78
8W-11	4	616571.8	5484576.0	631.78
8W-12	3.6	616576.2	5484568.7	631.78
8W-13	4.6	616583.1	5484563.4	631.78
8W-14	3.9	616590.2	5484558.8	631.62
8W-15	4	616596.7	5484554.3	631.81
8W-16	5	616601.4	5484549.2	631.81
8W-17	6	616606.0	5484551.4	629.25
8W-18	3.4	616603.2	5484539.0	628.75
8W-19	5.5	616588.5	5484539.0	628.48
8W-20	4.9	616593.1	5484532.8	631.28
8W-21	3.9	616599.3	5484526.7	631.28
8W-22	7	616604.8	5484521.3	631.28

DH ID	Length (m)	UTM E	UTM N	Elev.
8W-23	4	616612.5	5484517.2	631.28
8W-24	4.7	616620.4	5484514.7	631.28
8W-25	4	616627.3	5484510.6	631.28
8W-26	4.4	616633.5	5484505.6	631.28
8W-27	4.5	616639.5	5484500.5	631.28
8W-28	4.4	616645.5	5484495.1	630.62
8W-29	4.3	616651.6	5484489.8	630.62
8W-30	4	616658.1	5484489.9	630.62
8W-31	12	616667.4	5484477.0	627.81
5M-01	8	617414.8	5484271.1	752.02
5W1SW-01	4	617221.9	5484291.3	753.69
5W1SW-02	6	617216.2	5484290.7	753.69
5W1SW-03	2	617195.6	5484278.6	756.37
5W2C-01	6	617088.4	5484332.7	758.10
5W2C-02	5	617095.8	5484336.8	758.45
5W2C-03	3	617103.4	5484338.6	758.45
5W2C-04	5	617111.3	5484337.0	759.17
5W2C-05	5	617119.5	5484337.4	759.17
5W2C-06	5	617127.7	5484338.3	757.42
5W2C-07	4	617135.6	5484337.2	757.42
5W2C-08	3	617143.6	5484337.3	757.42
5W2C-09	3	617152.2	5484336.2	758.12
5W2C-10	4	617161.5	5484332.6	757.70
5W2C-11	5	617170.3	5484337.5	757.76
5W2C-12	3	617176.8	5484338.5	757.76
5W2C-13	4	617184.1	5484334.5	757.76
5W2C-14	4.3	617192.5	5484333.9	757.76
5W2C-15	2	617201.0	5484335.7	757.76
5W2C-16	4	617208.4	5484332.2	757.76
5W2C-17	3	617215.4	5484331.6	757.76
5W2XC-01	3	617104.4	5484313.0	755.63
5W2-5W3S-01	3.5	617152.3	5484404.9	757.25
5W2-5W3S-02	3	617144.8	5484406.2	757.25
5W2-5W3S-03	3	617136.3	5484406.0	757.25
9E4XC-02	16	616963.0	5484408.6	595.71
9N-03	1	616979.4	5484474.3	596.12
9N-04	1	616984.2	5484472.3	596.12
9N-01	1	617134.3	5484440.1	596.87
9N-02	1	617139.5	5484438.2	596.87
9E5XC-04	1	617128.7	5484391.3	597.45
9E5XC-05	1	617134.0	5484390.7	597.45
9E5XC-03	1	617119.8	5484371.2	597.45
9E5XC-02	4.75	617111.7	5484361.2	597.45
9E4XC-01	9.8	616903.3	5484326.8	595.93
9E5-4-01	4	616915.6	5484330.0	601.70
9E5-4-02	4	616921.4	5484324.6	601.70
9E5-4-03	4	616927.6	5484319.2	601.70
9E5-4-04	4.4	616934.0	5484314.6	601.70

DH ID	Length (m)	UTM E	UTM N	Elev.
9E5-4-05	3.9	616940.5	5484310.0	601.70
9E5-4-06	4.1	616946.8	5484305.0	601.70
9E5-4-07	5.9	616952.8	5484299.8	601.70
9E5-4-08	4	616957.5	5484294.3	601.70
9E5-4-09	3.8	616964.4	5484287.1	601.70
9E5-4-10	4	616972.0	5484283.5	601.70
9E5-4-11	9	616978.1	5484275.7	601.70
9E5-4-12	6	616986.1	5484275.5	600.81
9E5-4-13	4.2	616920.0	5484276.3	600.81
9E5-4-14	5	617003.1	5484275.4	601.34
9E5-4-15	6	617012.0	5484276.2	601.34
9E5-4-16	5.4	617019.0	5484277.1	601.34
9E5-4-17	4.3	617026.6	5484275.2	601.34
9E5-4-18	8.8	617033.3	5484271.1	601.34
9E5XC-01	12.3	617039.3	5484268.6	598.64
9E5-6-01	7	617046.3	5484272.9	598.64
9E5-6-02	4.7	617054.5	5484273.9	601.18
9E5-6-03	5	617062.7	5484272.7	601.18
9E5-6-04	5	617072.0	5484272.5	601.18
9E5-6-05	4.5	617079.4	5484272.4	601.18
9E5-6-06	4.7	617086.1	5484275.0	601.76
9E5-6-07	5.5	617092.4	5484270.9	601.76
9E5-6-08	4	617098.7	5484266.1	601.76
9E5-6-09	7	617104.1	5484259.3	601.76
9E5-6-10	4	617112.8	5484257.7	601.76
9E5-6-11	4.4	617119.9	5484253.6	602.08
9E5-6-12	4.4	617127.2	5484250.2	602.08
9E5-6-13	3.6	617135.0	5484249.1	602.08
9E5-6-14	3.7	617143.7	5484246.0	602.08
9E5-6-15	4.4	617148.3	5484242.2	602.55
9E5-6-16	3.4	617155.5	5484239.1	602.55
9E5-6-17	4.4	617162.0	5484234.0	602.55
9E5-6-18	6	617169.1	5484230.0	602.55
9E6-7-01	7	617175.8	5484225.9	602.55
9E6-7-02	7	617182.8	5484221.0	602.55
9E6-7-03	4.2	617194.0	5484220.4	602.37
9E6-7-04	4.5	617201.4	5484223.0	602.37
9E6-7-05	8.5	617208.2	5484223.0	602.37
9E6-7-06	4.4	617214.5	5484221.2	599.67
9E6-7-07	5	617215.7	5484225.7	599.67
5W2-5W3S-04	5	617129.5	5484404.2	757.50
5W2-5W3S-05	4	617120.3	5484410.0	757.50
5W2-5W3S-06	4	617113.4	5484411.5	756.98
5W2-5W3S-07	4	617104.1	5484410.9	756.98
5W2-5W3S-08	4	617099.2	5484413.0	757.84
5W2-5W3S-09	3	617092.7	5484414.3	758.01
5W2-5W3S-10	5	617084.8	5484414.2	758.01
5W2-5W3S-11	4	617076.9	5484416.0	758.01

DH ID	Length (m)	UTM E	UTM N	Elev.
5W2-5W3S-12	4	617068.7	5484416.6	758.01
5W2-5W3S-13	3	617061.0	5484417.4	758.20
5W2-5W3S-14	5	617052.9	5484417.5	758.20
5W2-5W3S-15	5	617044.3	5484419.2	758.20
5W2-5W3S-16	5	617035.9	5484420.8	758.20
5W2-5W3S-17	4	617027.8	5484425.2	758.67
5W2-5W3S-18	5	617020.9	5484424.2	758.67
5W2-5W3S-19	5	617012.3	5484423.5	758.67
5W2-5W3S-20	3	617003.3	5484425.5	758.67
5W3XC-01	1	617001.0	5484430.1	755.56
5W3XC-02	10	616989.7	5484414.6	755.56
5W3-5W4S-01	3	616997.2	5484429.4	755.56
5W3-5W4S-02	10	616992.0	5484424.5	758.76
5W3-5W4S-03	7	616984.1	5484422.2	758.76
5W3-5W4S-04	8	616974.1	5484423.7	758.76
5W3-5W4S-05	6	616963.0	5484432.9	758.94
5W3-5W4S-06	18	616956.0	5484438.8	759.27
5W3-5W4S-07	3	616936.9	5484440.0	758.94
5W3-5W4S-08	12	616937.7	5484444.8	758.94
3M-06	2	617374.4	5484353.1	831.12
3M-07	1	617374.3	5484364.6	830.68
3M-01	1	617380.3	5484278.5	832.23
3M-02	3	617370.2	5484296.9	832.43
3M-03	3	617372.3	5484323.5	831.71
3M-04	1	617379.7	5484338.9	831.12
3M-05	4	617379.6	5484343.0	831.12
3W1-01	3	617311.0	5484360.4	831.34
3W1-02	2.25	617305.8	5484361.6	831.34
3W1-03	1	617300.4	5484353.8	831.34
3W1-04	2	617302.4	5484344.2	831.34
3W1-05	1	617296.0	5484348.9	831.34
4N-01	1	617561.5	5484315.8	787.64
4N-02	2	617578.4	5484312.1	787.64
4N-03	1	617593.4	5484308.5	787.34
4N-04	1	617599.1	5484307.0	787.34
4S-07	4	617363.4	5484287.6	794.17
4S-08	4	617355.1	5484288.8	794.17
4S-09	4	617346.4	5484290.5	794.48
4S-10	5	617306.7	5484281.9	792.53
4S-11	4	617297.6	5484279.3	794.83
4S-12	3	617292.8	5484281.2	792.53
4S-06	4	617371.5	5484287.5	794.17
4S-05	4	617380.9	5484286.9	793.61
4S-04	5	617388.7	5484285.6	793.61
4S-03	3	617388.8	5484282.4	793.61
4S-02	8	617395.3	5484280.5	793.61
4S-01	4	617403.2	5484279.9	793.61
5W2-5W3N-06	1	617138.5	5484423.3	754.17

DH ID	Length (m)	UTM E	UTM N	Elev.
5W2-5W3N-05	3	617138.8	5484419.0	754.17
5W2-5W3N-04	4	617148.4	5484418.6	756.67
5W2-5W3N-03	4	617156.4	5484418.7	756.67
5W2-5W3N-02	4	617164.0	5484417.9	756.67
5W2-5W3N-01	3	617172.0	5484416.5	754.17
5W3-5W4N-04	3	616975.1	5484442.5	759.06
5W3-5W4N-05	3	616967.4	5484442.8	758.79
5W3-5W4N-06	3	616939.8	5484455.5	759.27
5W3-5W4N-07	11	616939.6	5484454.3	759.27
5W3-5W4N-03	3	616983.7	5484442.0	759.06
5W3-5W4N-02	3	616991.9	5484442.0	759.06
5W3-5W4N-01	2	616999.6	5484442.4	758.06
5W2-5W3N-16	3	617015.4	5484442.0	758.43
5W2-5W3N-15	2	617024.3	5484440.4	758.43
5W2-5W3N-14	2	617031.3	5484440.4	758.43
5W2-5W3N-13	2	617040.2	5484439.6	758.43
5W2-5W3N-12	3	617048.2	5484437.0	758.43
5W2-5W3N-11	3	617056.0	5484435.2	758.43
5W2-5W3N-10	3	617064.5	5484432.5	757.68
5W2-5W3N-09	3	617073.0	5484430.8	757.68
5W2-5W3N-08	4	617081.0	5484430.4	757.68
5W2-5W3N-07	3	617088.7	5484430.7	757.68
5W3-5W4C-01	2	616932.3	5484450.4	758.94
5W3-5W4C-02	8	616946.0	5484442.2	759.27
5W3-5W4C-03	11	616956.2	5484438.9	759.46
98-9L	267.9	617161.0	5484478.0	696.50
LEV3-05	214.3	617376.9	5484388.2	834.20
BR-02-07/08	2357.6	616853.8	5484327.3	887.40
BR-04-08	70.1	616561.0	5484884.0	1003.20
BR-06-08	1164.0	617417.0	5484336.0	924.50
BR-08-08	1044.5	616922.0	5484934.0	1038.00
BR-17-08	898.2	616804.7	5484789.0	950.00
BR11-90	511.1	617346.3	5484174.5	888.50
BR12-90	544.7	616641.1	5484552.0	938.91
BR1-90	346.5	616792.2	5484777.7	949.54
BR1-91	803.8	616875.9	5484462.5	925.92
BR1-92	571.2	617242.1	5484308.1	919.46
BR1-94/95	908.6	617000.0	5484420.0	921.21
BR2-91	859.8	616477.9	5484640.2	968.45
BR2-92	889.1	616619.9	5484493.1	935.74
BR3-92	602.6	616449.8	5484564.3	959.84
BR4-82	724.2	617423.6	5484213.5	909.51
BR4-92	828.1	617092.0	5484292.9	918.26
BR5-90	544.7	616760.4	5484506.8	930.35
BR5-91	785.5	616750.7	5484477.9	925.41
BR8-81	228.0	617565.2	5484327.2	935.60
BRU00-26	337.7	617480.8	5484356.4	749.10
BRU00-43	263.3	617452.4	5484313.2	751.40

DH ID	Length (m)	UTM E	UTM N	Elev.
BRU00-54	106.1	617542.8	5484374.0	834.00
BRU00-59	186.2	616212.5	5484917.7	596.00
BRU00-63	139.3	616213.8	5484912.8	594.90
BRU00-64	150.0	616213.8	5484912.8	595.82
BRU00-65	106.4	616213.8	5484912.8	594.57
BRU00-66	231.0	616212.2	5484913.9	594.87
BRU00-67	222.7	616212.2	5484913.9	594.87
BRU01-05	90.8	616282.4	5484863.6	593.56
BRU01-06	45.4	616282.4	5484863.6	593.00
BRU01-16	250.9	617016.1	5484529.0	754.25
BRU05-06	341.4	616558.9	5484656.0	675.03
BRU05-07	100.0	616559.8	5484654.2	677.80
BRU05-10	86.0	616835.2	5484479.2	596.28
BRU06-27	134.1	616658.4	5484557.4	591.81
BRU06-29	106.7	616658.4	5484557.4	593.37
BRU06-31	200.3	616633.8	5484577.2	591.20
BRU06-32	240.8	616633.8	5484577.2	592.40
BRU08-12	258.5	616806.2	5484840.3	951.00
BRU09-02	326.1	617574.3	5484316.4	599.69
BRU09-04	439.5	616211.8	5484914.1	595.00
BRU09-05	623.9	616211.8	5484914.1	594.00
BRU09-13	163.7	616972.9	5484420.8	595.40
BRU09-15	178.9	616972.9	5484420.8	595.40
BRU09-16	245.7	616645.2	5484475.5	594.60
BRU99-02	321.0	616991.3	5484533.3	671.30
BRU99-03	97.0	616992.0	5484534.2	671.00
BRU99-07	471.8	617036.7	5484581.6	673.10
BRU99-23	329.5	616677.2	5484587.0	624.30
BRU99-24	153.6	616682.0	5484588.0	625.00
BRU99-25	254.2	616682.0	5484588.0	625.00
BRU99-32	271.3	616475.0	5484693.5	591.00
BRU99-38	326.1	617098.0	5484469.0	687.50

APPENDIX F – Assay Results - AcmeLabs

List of Certificates:

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 19, 2011
Report Date:	June 25, 2012
Page:	1 of 9

CERTIFICATE OF ANALYSIS VAN11003281.2

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	
P.O. Number	
Number of Samples:	234

SAMPLE DISPOSAL

RTRN-PLP Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
P200	234	Pulverize to 85% passing 200 mesh			VAN
3B01	234	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	176	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 7TD-Cu Ag for samples 67001-67150 included.

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67001	Rock Pulp	<2	0.005	<2
67002	Rock Pulp	6	0.003	<2
67003	Rock Pulp	3	0.004	<2
67004	Rock Pulp	4	0.082	<2
67005	Rock Pulp	<2	0.044	<2
67006	Rock Pulp	<2	0.024	<2
67007	Rock Pulp	34	0.856	31
67008	Rock Pulp	6	0.017	<2
67009	Rock Pulp	26	0.160	3
67010	Rock Pulp	12	0.039	<2
67011	Rock Pulp	40	0.343	3
67012	Rock Pulp	5	0.015	<2
67013	Rock Pulp	32	0.113	2
67014	Rock Pulp	265	1.996	17
67015	Rock Pulp	5	0.028	<2
67016	Rock Pulp	8	0.001	<2
67017	Rock Pulp	<2	0.019	<2
67018	Rock Pulp	<2	0.034	<2
67019	Rock Pulp	83	1.061	12
67020	Rock Pulp	73	0.666	6
67021	Rock Pulp	8	0.116	<2
67022	Rock Pulp	66	0.298	6
67023	Rock Pulp	<2	0.015	<2
67024	Rock Pulp	103	0.279	4
67025	Rock Pulp	5	0.013	<2
67026	Rock Pulp	23	0.021	<2
67027	Rock Pulp	12	0.029	<2
67028	Rock Pulp	<2	0.034	<2
67029	Rock Pulp	16	0.065	<2
67030	Rock Pulp	69	0.484	5

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67031	Rock Pulp	<2	0.002	<2
67032	Rock Pulp	<2	0.027	<2
67033	Rock Pulp	52	0.357	3
67034	Rock Pulp	5	0.041	<2
67035	Rock Pulp	8	0.032	<2
67036	Rock Pulp	9	0.048	<2
67037	Rock Pulp	12	0.038	<2
67038	Rock Pulp	2	0.034	<2
67039	Rock Pulp	207	2.608	22
67040	Rock Pulp	52	0.453	5
67041	Rock Pulp	443	2.940	98
67042	Rock Pulp	139	1.440	13
67043	Rock Pulp	45	0.136	2
67044	Rock Pulp	159	1.187	11
67045	Rock Pulp	22	0.060	<2
67046	Rock Pulp	9	0.032	<2
67047	Rock Pulp	11	0.138	<2
67048	Rock Pulp	37	0.225	2
67049	Rock Pulp	88	1.860	13
67050	Rock Pulp	646	9.700	102
67051	Rock Pulp	27	1.192	8
67052	Rock Pulp	87	0.526	4
67053	Rock Pulp	85	0.566	6
67054	Rock Pulp	257	1.155	9
67055	Rock Pulp	3	0.001	<2
67056	Rock Pulp	12	0.022	<2
67057	Rock Pulp	4	0.022	<2
67058	Rock Pulp	4	0.010	<2
67059	Rock Pulp	12	0.011	<2
67060	Rock Pulp	3	0.012	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67061	Rock Pulp	7	0.011	<2
67062	Rock Pulp	10	0.010	<2
67063	Rock Pulp	6	0.008	<2
67064	Rock Pulp	<2	0.006	<2
67065	Rock Pulp	6	0.004	<2
67066	Rock Pulp	442	2.967	97
67067	Rock Pulp	39	0.002	<2
67068	Rock Pulp	45	0.002	<2
67069	Rock Pulp	17	0.002	<2
67070	Rock Pulp	114	<0.001	<2
67071	Rock Pulp	2	<0.001	<2
67072	Rock Pulp	<2	0.004	<2
67073	Rock Pulp	2	0.005	<2
67074	Rock Pulp	<2	0.013	<2
67075	Rock Pulp	<2	0.007	<2
67076	Rock Pulp	<2	0.005	<2
67077	Rock Pulp	<2	<0.001	<2
67078	Rock Pulp	<2	<0.001	<2
67079	Rock Pulp	4	0.020	<2
67080	Rock Pulp	42	0.275	<2
67081	Rock Pulp	52	0.237	<2
67082	Rock Pulp	219	0.190	13
67083	Rock Pulp	13	0.051	<2
67084	Rock Pulp	30	0.295	<2
67085	Rock Pulp	47	0.074	<2
67086	Rock Pulp	42	0.206	<2
67087	Rock Pulp	131	0.795	4
67088	Rock Pulp	118	0.252	<2
67089	Rock Pulp	16	0.084	<2
67090	Rock Pulp	101	0.220	<2

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Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67091	Rock Pulp	<2	0.001	<2
67092	Rock Pulp	32	0.040	<2
67093	Rock Pulp	27	0.222	<2
67094	Rock Pulp	53	0.120	<2
67095	Rock Pulp	97	0.459	3
67096	Rock Pulp	104	0.397	<2
67097	Rock Pulp	190	1.021	5
67098	Rock Pulp	65	0.422	2
67099	Rock Pulp	16	0.074	<2
67100	Rock Pulp	26	0.080	<2
67101	Rock Pulp	8	0.030	<2
67102	Rock Pulp	2	0.016	<2
67103	Rock Pulp	2	0.008	<2
67104	Rock Pulp	8	0.143	4
67105	Rock Pulp	1961	8.637	107
67106	Rock Pulp	4878	1.034	111
67107	Rock Pulp	22	0.078	<2
67108	Rock Pulp	21	0.262	3
67109	Rock Pulp	145	1.119	12
67110	Rock Pulp	10	0.051	<2
67111	Rock Pulp	4	0.019	<2
67112	Rock Pulp	54	0.605	10
67113	Rock Pulp	74	0.047	7
67114	Rock Pulp	5	0.014	<2
67115	Rock Pulp	5	0.007	<2
67116	Rock Pulp	<2	0.006	<2
67117	Rock Pulp	7	0.002	<2
67118	Rock Pulp	4	0.009	<2
67119	Rock Pulp	6	0.002	<2
67120	Rock Pulp	17	0.004	<2

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Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67121	Rock Pulp	7	0.002	<2
67122	Rock Pulp	3	0.005	<2
67123	Rock Pulp	4	0.002	<2
67124	Rock Pulp	5	0.064	<2
67125	Rock Pulp	16	0.053	<2
67126	Rock Pulp	46	0.045	<2
67127	Rock Pulp	6	0.029	<2
67128	Rock Pulp	11	0.059	<2
67129	Rock Pulp	477	3.774	89
67130	Rock Pulp	16	0.463	6
67131	Rock Pulp	2	0.004	<2
67132	Rock Pulp	256	5.402	58
67133	Rock Pulp	63	0.812	14
67134	Rock Pulp	9	0.087	<2
67135	Rock Pulp	6	0.049	<2
67136	Rock Pulp	74	0.859	11
67137	Rock Pulp	198	0.192	12
67138	Rock Pulp	603	4.528	53
67139	Rock Pulp	57	0.243	3
67140	Rock Pulp	674	12.27	151
67141	Rock Pulp	6	0.077	<2
67142	Rock Pulp	5	0.031	<2
67143	Rock Pulp	227	2.098	29
67144	Rock Pulp	108	0.423	5
67145	Rock Pulp	14	0.100	<2
67146	Rock Pulp	10	0.008	<2
67147	Rock Pulp	4	0.032	<2
67148	Rock Pulp	160	1.299	10
67149	Rock Pulp	12	0.034	<2
67150	Rock Pulp	171	1.789	17

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Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67251	Rock Pulp	680	N.A.	N.A.
67252	Rock Pulp	58	N.A.	N.A.
67253	Rock Pulp	81	N.A.	N.A.
67254	Rock Pulp	409	N.A.	N.A.
67255	Rock Pulp	2	N.A.	N.A.
67256	Rock Pulp	33	0.906	34
67257	Rock Pulp	3	0.125	<2
67258	Rock Pulp	8	0.230	<2
67259	Rock Pulp	<2	0.008	<2
67260	Rock Pulp	<2	0.008	<2
67261	Rock Pulp	<2	0.014	<2
67262	Rock Pulp	<2	0.014	<2
67263	Rock Pulp	4	0.008	<2
67264	Rock Pulp	<2	0.002	<2
67265	Rock Pulp	6	0.020	<2
67266	Rock Pulp	7	0.061	<2
67267	Rock Pulp	29	0.542	7
67268	Rock Pulp	13	0.408	5
67269	Rock Pulp	254	2.228	28
67270	Rock Pulp	<2	0.006	<2
67271	Rock Pulp	<2	0.012	<2
67272	Rock Pulp	101	2.201	18
67273	Rock Pulp	<2	0.035	<2
67274	Rock Pulp	5	0.010	<2
67275	Rock Pulp	<2	0.022	<2
67276	Rock Pulp	3	0.009	<2
67277	Rock Pulp	<2	0.015	<2
67278	Rock Pulp	21	0.221	3
67279	Rock Pulp	19	0.366	7
67280	Rock Pulp	4	0.134	<2

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Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67281	Rock Pulp	<2	0.009	<2
67282	Rock Pulp	<2	N.A.	N.A.
67283	Rock Pulp	25	N.A.	N.A.
67284	Rock Pulp	<2	N.A.	N.A.
67285	Rock Pulp	21	N.A.	N.A.
67286	Rock Pulp	38	N.A.	N.A.
67287	Rock Pulp	150	N.A.	N.A.
67288	Rock Pulp	21	N.A.	N.A.
67289	Rock Pulp	109	N.A.	N.A.
67290	Rock Pulp	210	N.A.	N.A.
67291	Rock Pulp	675	N.A.	N.A.
67292	Rock Pulp	100	N.A.	N.A.
67293	Rock Pulp	67	N.A.	N.A.
67294	Rock Pulp	7	N.A.	N.A.
67295	Rock Pulp	21	N.A.	N.A.
67296	Rock Pulp	1257	N.A.	N.A.
67297	Rock Pulp	23	N.A.	N.A.
67298	Rock Pulp	196	N.A.	N.A.
67299	Rock Pulp	109	N.A.	N.A.
67300	Rock Pulp	3	N.A.	N.A.
67301	Rock Pulp	3	N.A.	N.A.
67302	Rock Pulp	5	N.A.	N.A.
67303	Rock Pulp	<2	N.A.	N.A.
67304	Rock Pulp	4	N.A.	N.A.
67305	Rock Pulp	331	N.A.	N.A.
67306	Rock Pulp	45	N.A.	N.A.
67307	Rock Pulp	4350	N.A.	N.A.
67308	Rock Pulp	91	N.A.	N.A.
67309	Rock Pulp	27	N.A.	N.A.
67310	Rock Pulp	24	N.A.	N.A.

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CERTIFICATE OF ANALYSIS VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
67311	Rock Pulp	18	N.A.	N.A.
67312	Rock Pulp	26	N.A.	N.A.
67313	Rock Pulp	<2	N.A.	N.A.
67314	Rock Pulp	2	N.A.	N.A.
67315	Rock Pulp	7	N.A.	N.A.
67316	Rock Pulp	<2	N.A.	N.A.
67317	Rock Pulp	<2	N.A.	N.A.
67318	Rock Pulp	<2	N.A.	N.A.
67319	Rock Pulp	<2	N.A.	N.A.
67320	Rock Pulp	<2	N.A.	N.A.
67321	Rock Pulp	5	N.A.	N.A.
67322	Rock Pulp	71	N.A.	N.A.
67323	Rock Pulp	24	N.A.	N.A.
67324	Rock Pulp	41	N.A.	N.A.
67325	Rock Pulp	18	N.A.	N.A.
67326	Rock Pulp	31	N.A.	N.A.
67327	Rock Pulp	414	N.A.	N.A.
67328	Rock Pulp	25	N.A.	N.A.
67329	Rock Pulp	46	N.A.	N.A.
67330	Rock Pulp	7	N.A.	N.A.
67331	Rock Pulp	9	N.A.	N.A.
67332	Rock Pulp	43	N.A.	N.A.
67333	Rock Pulp	11	N.A.	N.A.
67334	Rock Pulp	30	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 25, 2012

QUALITY CONTROL REPORT VAN11003281.2

	Method	3B	7TD	7TD
	Analyte	Au	Cu	Ag
	Unit	ppb	%	gm/t
	MDL	2	0.001	2
Pulp Duplicates				
REP G1	QC		<0.001	<2
67028	Rock Pulp	<2	0.034	<2
REP 67028	QC	9		
67036	Rock Pulp	9	0.048	<2
REP 67036	QC		0.048	<2
67057	Rock Pulp	4	0.022	<2
REP 67057	QC	3		
67063	Rock Pulp	6	0.008	<2
REP 67063	QC		0.008	<2
67078	Rock Pulp	<2	<0.001	<2
REP 67078	QC		<0.001	<2
67098	Rock Pulp	65	0.422	2
REP 67098	QC	72		
67112	Rock Pulp	54	0.605	10
REP 67112	QC		0.603	9
67126	Rock Pulp	46	0.045	<2
REP 67126	QC	48		
67150	Rock Pulp	171	1.789	17
REP 67150	QC		1.797	18
67267	Rock Pulp	29	0.542	7
REP 67267	QC	30		
67328	Rock Pulp	25	N.A.	N.A.
REP 67328	QC	26		
Reference Materials				
STD CDN-ME-14	Standard		1.260	47
STD CDN-ME-9	Standard		0.649	4
STD CDN-ME-14	Standard		1.263	45
STD CDN-ME-9	Standard		0.641	5

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Report Date: June 25, 2012

QUALITY CONTROL REPORT VAN11003281.2

		3B	7TD	7TD
		Au	Cu	Ag
		ppb	%	gm/t
		2	0.001	2
STD CDN-ME-9	Standard		0.633	4
STD CDN-ME-14	Standard		1.226	48
STD CDN-ME-9	Standard		0.647	4
STD CDN-ME-14	Standard		1.212	44
STD CDN-ME-9	Standard		0.622	4
STD CDN-ME-14	Standard		1.199	43
STD CDN-ME-9	Standard		0.683	4
STD CDN-ME-14	Standard		1.280	46
STD OREAS131B	Standard		0.021	34
STD OXC88	Standard	201		
STD OXC88	Standard	207		
STD OXC88	Standard	193		
STD OXC88	Standard	199		
STD OXC88	Standard	194		
STD OXC88	Standard	191		
STD OXC88	Standard	214		
STD OXC88	Standard	188		
STD OXC88	Standard	210		
STD OXH82	Standard	1319		
STD OXH82	Standard	1395		
STD OXH82	Standard	1280		
STD OXH82	Standard	1259		
STD OXH82	Standard	1254		
STD OXH82	Standard	1248		
STD OXH82	Standard	1345		
STD OXH82	Standard	1232		
STD OXH82	Standard	1374		
STD R4T	Standard		0.508	89
STD SU-1B	Standard		1.201	7

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Project: Bul River Mine
Report Date: June 25, 2012

QUALITY CONTROL REPORT VAN11003281.2

		3B	7TD	7TD
		Au	Cu	Ag
		ppb	%	gm/t
		2	0.001	2
STD R4T Expected			0.502	86
STD OREAS131B Expected			0.0216	33.3
STD SU-1B Expected			1.185	6.4
STD OXC88 Expected		203		
STD OXH82 Expected		1278		
STD CDN-ME-9 Expected			0.654	
STD CDN-ME-14 Expected			1.221	45
BLK	Blank		<0.001	<2
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank	<2		
BLK	Blank		<0.001	<2
BLK	Blank		0.001	<2
BLK	Blank		<0.001	<2

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Project: Bul River Mine
Report Date: June 25, 2012

QUALITY CONTROL REPORT VAN11003281.2

		3B	7TD	7TD
		Au	Cu	Ag
		ppb	%	gm/t
		2	0.001	2
BLK	Blank		<0.001	<2
BLK	Blank		<0.001	<2
BLK	Blank		<0.001	<2
Prep Wash				
G1	Prep Blank	<2	<0.001	<2
G1	Prep Blank	<2		
G1	Prep Blank		<0.001	<2

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 20, 2012
Report Date:	June 25, 2012
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN11003282R.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	
P.O. Number	
Number of Samples:	150

SAMPLE DISPOSAL

RTRN-PLP Return

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
7TD1	150	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
D183251	Rock Pulp	0.020	<2
D183252	Rock Pulp	0.703	8
D183253	Rock Pulp	0.027	<2
D183254	Rock Pulp	0.003	<2
D183255	Rock Pulp	0.017	<2
D183256	Rock Pulp	0.013	<2
D183257	Rock Pulp	0.002	<2
D183258	Rock Pulp	0.009	<2
D183259	Rock Pulp	0.021	<2
D183260	Rock Pulp	5.851	80
D183261	Rock Pulp	2.649	33
D183262	Rock Pulp	0.483	9
D183263	Rock Pulp	1.617	21
D183264	Rock Pulp	3.773	50
D183265	Rock Pulp	0.612	10
D183266	Rock Pulp	1.066	103
D183267	Rock Pulp	0.029	<2
D183268	Rock Pulp	0.129	<2
D183269	Rock Pulp	0.048	<2
D183270	Rock Pulp	0.015	<2
D183271	Rock Pulp	0.012	<2
D183272	Rock Pulp	0.004	<2
D183273	Rock Pulp	0.008	<2
D183274	Rock Pulp	0.008	<2
D183275	Rock Pulp	0.007	<2
D183276	Rock Pulp	0.016	<2
D183277	Rock Pulp	0.010	<2
D183278	Rock Pulp	0.021	<2
D183279	Rock Pulp	0.075	<2
D183280	Rock Pulp	0.066	<2

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CERTIFICATE OF ANALYSIS VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
D183281	Rock Pulp	0.216	<2
D183282	Rock Pulp	0.182	11
D183283	Rock Pulp	0.045	<2
D183284	Rock Pulp	0.059	<2
D183285	Rock Pulp	0.028	<2
D183286	Rock Pulp	0.002	<2
D183287	Rock Pulp	0.034	<2
D183288	Rock Pulp	0.040	<2
D183289	Rock Pulp	0.011	<2
D183290	Rock Pulp	0.031	<2
D183291	Rock Pulp	0.074	<2
D183292	Rock Pulp	0.084	<2
D183293	Rock Pulp	0.148	<2
D183294	Rock Pulp	0.007	<2
D183295	Rock Pulp	0.080	<2
D183296	Rock Pulp	0.024	<2
D183297	Rock Pulp	0.035	<2
D183298	Rock Pulp	0.035	<2
D183299	Rock Pulp	0.016	<2
D183300	Rock Pulp	0.018	<2
D183301	Rock Pulp	0.007	<2
D183302	Rock Pulp	0.009	<2
D183303	Rock Pulp	0.013	<2
D183304	Rock Pulp	0.509	<2
D183305	Rock Pulp	1.413	12
D183306	Rock Pulp	0.696	6
D183307	Rock Pulp	0.202	3
D183308	Rock Pulp	0.526	9
D183309	Rock Pulp	0.132	3
D183310	Rock Pulp	0.367	4

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
D183311	Rock Pulp	0.078	<2
D183312	Rock Pulp	0.021	<2
D183313	Rock Pulp	0.022	<2
D183314	Rock Pulp	0.002	<2
D183315	Rock Pulp	0.005	<2
D183316	Rock Pulp	0.009	<2
D183317	Rock Pulp	1.590	10
D183318	Rock Pulp	2.435	17
D183319	Rock Pulp	0.314	2
D183320	Rock Pulp	0.917	33
D183321	Rock Pulp	0.107	<2
D183322	Rock Pulp	0.407	<2
D183323	Rock Pulp	0.208	<2
D183324	Rock Pulp	0.093	<2
D183325	Rock Pulp	0.080	<2
D183326	Rock Pulp	0.267	<2
D183327	Rock Pulp	0.309	<2
D183328	Rock Pulp	0.693	4
D183329	Rock Pulp	0.233	<2
D183330	Rock Pulp	0.976	6
D183331	Rock Pulp	0.001	<2
D183332	Rock Pulp	0.755	4
D183333	Rock Pulp	0.435	<2
D183334	Rock Pulp	0.921	7
D183335	Rock Pulp	0.103	<2
D183336	Rock Pulp	3.015	95
D183337	Rock Pulp	0.051	<2
D183338	Rock Pulp	0.105	<2
D183339	Rock Pulp	0.046	<2
D183340	Rock Pulp	0.017	<2

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Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
D183341	Rock Pulp	0.091	<2
D183342	Rock Pulp	0.082	<2
D183343	Rock Pulp	0.829	5
D183344	Rock Pulp	0.273	2
D183345	Rock Pulp	0.014	<2
D183346	Rock Pulp	0.008	<2
D183347	Rock Pulp	0.003	<2
D183348	Rock Pulp	1.202	8
D183349	Rock Pulp	0.043	<2
D183350	Rock Pulp	0.016	<2
D183351	Rock Pulp	0.006	<2
D183352	Rock Pulp	0.028	<2
D183353	Rock Pulp	0.009	<2
D183354	Rock Pulp	0.520	5
D183355	Rock Pulp	0.166	3
D183356	Rock Pulp	3.214	26
D183357	Rock Pulp	0.103	<2
D183358	Rock Pulp	0.022	<2
D183359	Rock Pulp	0.003	<2
D183360	Rock Pulp	0.003	<2
D183361	Rock Pulp	0.075	<2
D183362	Rock Pulp	0.613	5
D183363	Rock Pulp	1.604	12
D183364	Rock Pulp	0.221	<2
D183365	Rock Pulp	6.864	39
D183366	Rock Pulp	2.618	15
D183367	Rock Pulp	0.174	<2
D183368	Rock Pulp	0.123	<2
D183369	Rock Pulp	0.307	<2
D183370	Rock Pulp	0.002	<2

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Report Date: June 25, 2012

CERTIFICATE OF ANALYSIS VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
D183371	Rock Pulp	0.044	<2
D183372	Rock Pulp	0.128	<2
D183373	Rock Pulp	0.072	<2
D183374	Rock Pulp	1.077	99
D183375	Rock Pulp	0.011	<2
D183376	Rock Pulp	0.004	<2
D183377	Rock Pulp	0.022	<2
D183378	Rock Pulp	0.076	<2
D183379	Rock Pulp	0.794	6
D183380	Rock Pulp	0.006	<2
D183381	Rock Pulp	0.193	11
D183382	Rock Pulp	0.003	<2
D183383	Rock Pulp	0.001	<2
D183384	Rock Pulp	0.009	<2
D183385	Rock Pulp	0.033	<2
D183386	Rock Pulp	0.027	<2
D183387	Rock Pulp	0.030	<2
D183388	Rock Pulp	0.203	2
D183389	Rock Pulp	0.002	<2
D183390	Rock Pulp	0.396	5
D183391	Rock Pulp	1.036	11
D183392	Rock Pulp	2.042	24
D183393	Rock Pulp	0.165	3
D183394	Rock Pulp	0.075	<2
D183395	Rock Pulp	0.004	<2
D183396	Rock Pulp	0.026	<2
D183397	Rock Pulp	0.259	<2
D183398	Rock Pulp	0.125	2
D183399	Rock Pulp	0.028	<2
D183400	Rock Pulp	0.049	<2

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Project: Bul River Mine
Report Date: June 25, 2012

QUALITY CONTROL REPORT VAN11003282R.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
Pulp Duplicates			
D183275	Rock Pulp	0.007	<2
REP D183275	QC	0.006	<2
D183311	Rock Pulp	0.078	<2
REP D183311	QC	0.072	<2
D183347	Rock Pulp	0.003	<2
REP D183347	QC	0.003	<2
D183383	Rock Pulp	0.001	<2
REP D183383	QC	0.001	<2
D183400	Rock Pulp	0.049	<2
REP D183400	QC	0.048	<2
Reference Materials			
STD CDN-ME-9	Standard	0.668	<2
STD CDN-ME-14	Standard	1.211	45
STD CDN-ME-14	Standard	1.248	42
STD CDN-ME-9	Standard	0.670	3
STD CDN-ME-14	Standard	1.288	46
STD CDN-ME-9	Standard	0.677	2
STD CDN-ME-9	Standard	0.631	2
STD CDN-ME-14	Standard	1.114	38
STD CDN-ME-14	Standard	1.293	45
STD CDN-ME-9	Standard	0.657	4
STD CDN-ME-14 Expected		1.221	45
STD CDN-ME-9 Expected		0.654	
BLK	Blank	<0.001	<2
BLK	Blank	<0.001	<2
BLK	Blank	<0.001	<2
BLK	Blank	<0.001	<2
BLK	Blank	<0.001	2

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Client: **Bul River Mineral Corporation**
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Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 07, 2012
Report Date:	June 20, 2012
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN12002624.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE AND UG A
P.O. Number	
Number of Samples:	131

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	121	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	131	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	131	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.

"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
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Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	0.002	<2
G1	Prep Blank	<0.01	<2	0.001	<2
69501	Rock	2.42	11	0.252	<2
69502	Rock	4.29	27	1.771	16
69503	Rock	3.94	198	3.282	37
69504	Rock	2.75	45	0.541	5
69505	Rock Pulp	0.05	3	0.003	<2
69506	Rock	2.07	37	0.447	4
69507	Rock	2.93	222	1.780	17
69508	Rock	4.89	76	2.768	25
69509	Rock	3.15	51	1.301	11
69510	Rock	4.96	209	4.102	43
69511	Rock	2.71	20	0.257	2
69512	Rock	11.28	37	0.508	7
69513	Rock	2.63	153	3.614	33
69514	Rock	12.40	9	0.038	<2
69515	Rock	7.65	31	0.418	3
69516	Rock	10.74	15	0.108	<2
69517	Rock	7.20	801	5.605	56
69518	Rock	3.33	88	1.121	11
69519	Rock	7.17	55	1.003	9
69520	Rock	4.16	441	3.739	36
69521	Rock	9.56	220	3.712	34
69522	Rock Pulp	0.05	396	2.983	97
69523	Rock	4.24	89	1.288	11
69524	Rock	4.81	193	2.782	29
69525	Rock	3.93	683	2.611	25
69526	Rock	7.37	34	0.384	3
69527	Rock	6.93	283	3.336	31
69528	Rock	9.02	34	0.326	2

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Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69529	Rock	5.87	260	1.390	14
69530	Rock	7.30	56	0.332	4
69531	Rock	7.27	826	6.285	75
69532	Rock	8.70	1380	8.543	79
69533	Rock	7.45	41	0.710	6
69534	Rock	7.93	799	3.310	37
69535	Rock	5.11	438	2.240	29
69536	Rock	6.30	89	1.476	14
69537	Rock	4.72	101	1.191	12
69538	Rock	7.41	182	1.153	11
69539	Rock	6.06	904	4.649	45
69540	Rock	4.64	668	6.171	61
69541	Rock	5.41	182	0.659	7
69542	Rock	4.56	191	1.257	12
69543	Rock	11.15	255	1.642	17
69544	Rock Pulp	0.05	34	0.901	32
69545	Rock	5.46	475	4.985	48
69546	Rock	4.51	387	5.491	54
69547	Rock	9.12	469	3.212	24
69548	Rock	10.84	395	3.787	22
69549	Rock	10.43	79	0.451	3
69550	Rock Pulp	0.05	<2	0.002	<2
69551	Rock	9.79	67	0.538	4
69552	Rock	5.19	50	1.050	7
69553	Rock	5.19	542	5.257	41
69554	Rock	4.10	457	4.555	35
69555	Rock	5.14	1426	10.39	76
69556	Rock	5.84	1664	5.922	48
69557	Rock	3.96	1264	8.323	65
69558	Rock	10.63	1281	5.470	43

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Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69559	Rock	7.17	129	1.572	12
69560	Rock	8.80	49	0.722	6
69561	Rock	7.92	468	4.233	33
69562	Rock	1.80	680	4.877	39
69563	Rock	6.33	412	3.568	27
69564	Rock	6.81	707	3.311	30
69565	Rock	6.75	76	1.049	9
69566	Rock Pulp	0.05	195	0.189	13
69567	Rock	5.75	68	1.318	10
69568	Rock	2.67	1576	12.40	95
69569	Rock	4.57	21	0.403	4
69570	Rock	3.12	7	0.055	<2
69571	Rock	6.44	25	0.296	2
69572	Rock	5.75	18	0.213	<2
69573	Rock	6.81	7	0.068	<2
69574	Rock Pulp	0.05	<2	0.002	<2
69575	Rock	4.65	115	0.454	3
69576	Rock	8.38	99	0.471	3
69577	Rock	7.92	445	1.229	6
69578	Rock	6.73	364	0.331	3
69579	Rock	8.81	161	1.415	8
69580	Rock	9.07	188	0.700	4
69581	Rock	8.42	73	0.305	2
69582	Rock	7.30	53	0.193	<2
69583	Rock	6.56	44	0.075	<2
69584	Rock	7.03	1473	0.102	<2
69585	Rock	7.57	161	0.528	4
69586	Rock	10.74	27	0.074	<2
69587	Rock Pulp	0.05	<2	<0.001	<2
69588	Rock	8.44	665	0.962	6

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CERTIFICATE OF ANALYSIS VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69589	Rock	2.76	28	0.318	<2
69590	Rock	2.08	283	0.779	6
69591	Rock	2.14	102	0.696	4
69592	Rock	3.76	35	0.192	<2
69593	Rock	2.94	37	0.440	2
69594	Rock	3.75	741	4.991	26
69595	Rock	5.19	200	2.128	12
69596	Rock	2.62	42	0.303	<2
69597	Rock Pulp	0.05	4733	0.940	92
69598	Rock	7.28	24	0.145	2
69599	Rock	5.36	24	0.077	<2
69600	Rock	2.81	99	0.824	4
69601	Rock	4.63	406	7.191	38
69602	Rock	3.31	244	3.063	17
69603	Rock	4.92	518	4.566	35
69604	Rock Pulp	0.05	190	0.189	12
69605	Rock	3.49	35	0.407	2
69606	Rock	3.74	33	0.489	2
69607	Rock	5.03	528	5.715	31
69608	Rock	5.69	395	2.244	12
69609	Rock	4.66	122	2.041	11
69610	Rock	3.72	34	0.305	<2
69611	Rock Pulp	0.05	<2	0.002	<2
69612	Rock	3.51	507	0.997	11
69613	Rock	2.65	51	0.430	3
69614	Rock	2.96	79	0.244	<2
69615	Rock	3.54	24	0.311	2
69616	Rock	6.07	593	6.506	41
69617	Rock	2.92	346	8.150	46
69618	Rock	4.47	24	0.184	<2

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CERTIFICATE OF ANALYSIS VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69619	Rock	4.50	71	0.217	<2
69620	Rock	3.97	29	0.329	<2
69621	Rock	2.56	13	0.161	<2
69622	Rock	5.19	172	1.551	9
69623	Rock	5.74	13	0.095	<2
69624	Rock	6.83	196	2.791	16
69625	Rock	6.05	146	2.310	13
69626	Rock	7.41	765	7.433	45
69627	Rock	8.48	87	1.934	13
69628	Rock	3.80	371	4.520	29
69629	Rock	7.00	796	5.098	32
69630	Rock	8.75	69	0.977	8
69631	Rock	7.44	19	0.477	3

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Project: Bul River Mine
Report Date: June 20, 2012

QUALITY CONTROL REPORT VAN12002624.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
REP G1	QC		<2		
REP 69508	QC			3.035	28
69533	Rock	7.45	41	0.710	6
REP 69533	QC		45		
69536	Rock	6.30	89	1.476	14
REP 69536	QC			1.535	14
69567	Rock	5.75	68	1.318	10
REP 69567	QC		60		
69571	Rock	6.44	25	0.296	2
REP 69571	QC			0.304	2
69601	Rock	4.63	406	7.191	38
REP 69601	QC		403		
69613	Rock	2.65	51	0.430	3
REP 69613	QC			0.421	3
Core Reject Duplicates					
69508	Rock	4.89	76	2.768	25
DUP 69508	QC	<0.01	84	3.066	28
69542	Rock	4.56	191	1.257	12
DUP 69542	QC	<0.01	191	1.273	13
69576	Rock	8.38	99	0.471	3
DUP 69576	QC	<0.01	110	0.455	3
69610	Rock	3.72	34	0.305	<2
DUP 69610	QC	<0.01	25	0.289	<2
Reference Materials					
STD CDN-ME-14	Standard			1.224	43
STD CDN-ME-9	Standard			0.625	4
STD CDN-ME-14	Standard			1.257	47
STD CDN-ME-9	Standard			0.634	2

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QUALITY CONTROL REPORT VAN12002624.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-14	Standard			1.248	43
STD CDN-ME-9	Standard			0.649	3
STD CDN-ME-14	Standard			1.162	41
STD CDN-ME-9	Standard			0.617	3
STD OXC88	Standard		204		
STD OXC88	Standard		201		
STD OXC88	Standard		188		
STD OXC88	Standard		194		
STD OXC88	Standard		214		
STD OXG99	Standard		916		
STD OXG99	Standard		951		
STD OXG99	Standard		911		
STD OXG99	Standard		931		
STD OXG99	Standard		939		
STD OXG99	Standard		894		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
STD OXC88 Expected			203		
STD OXG99 Expected			932		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		

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QUALITY CONTROL REPORT VAN12002624.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01		0.002	<2
G1	Prep Blank	<0.01	<2	0.001	<2
G1	Prep Blank		<2		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 31, 2012
Report Date:	September 14, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12002624M.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE AND UG A
P.O. Number	
Number of Samples:	2

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	2	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	2	Analysis sample split/packet			VAN
Split -150	2	Analysis sample split/packet			VAN
G602	2	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

CERTIFICATE OF ANALYSIS VAN12002624M.1

		G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
G1	Prep Blank	0.011	<0.005	13.52	0.01
69555	Rock	1.604	0.171	24.76	1.85
69556		0.851	0.124	12.45	1.07

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

QUALITY CONTROL REPORT VAN12002624M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
Reference Materials					
STD OXP91	Standard		0.450	30.01	
STD OXP91	Standard		0.454	30.00	
BLK	Blank		<0.005	30.00	
BLK	Blank		<0.005	30.00	
Prep Wash					
G1	Prep Blank	0.011	<0.005	13.52	0.01

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Client:	**Bul River Mineral Corporation**
	Box 845
	Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 07, 2012
Report Date:	June 20, 2012
Page:	1 of 3

CERTIFICATE OF ANALYSIS VAN12002625.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE AND UG A
P.O. Number	
Number of Samples:	40

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	37	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	40	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	40	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002625.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
69901	Core Reject	3.24	7	0.051	<2
69902	Core Reject	3.43	3	0.030	<2
69903	Core Reject	3.34	3	0.027	<2
69904	Core Reject	1.48	581	5.872	35
69905	Core Reject	2.85	3	0.007	<2
69906	Core Reject	1.14	7	0.018	<2
69907	Rock	0.05	<2	0.001	<2
69908	Core Reject	1.82	10	0.008	<2
69909	Core Reject	1.26	173	0.007	<2
69910	Core Reject	0.66	37	0.574	5
69911	Core Reject	2.24	7	0.015	<2
69912	Core Reject	4.20	289	0.002	<2
69913	Core Reject	5.52	650	0.002	<2
69914	Core Reject	0.09	82	0.074	<2
69915	Core Reject	1.82	45	0.020	<2
69916	Core Reject	0.10	3	0.003	<2
69917	Core Reject	1.00	4	0.018	<2
69918	Core Reject	1.06	88	0.009	<2
69919		0.05	210	0.188	12
69920	Core Reject	1.28	10	0.041	3
69921	Core Reject	3.17	13	0.003	<2
69922	Core Reject	1.68	<2	0.006	<2
69923	Core Reject	1.55	<2	0.006	<2
69924	Core Reject	0.76	20	0.186	<2
69925	Core Reject	1.04	<2	0.003	<2
69926	Core Reject	0.96	5	0.006	<2
69927	Core Reject	0.56	68	0.284	2
69928	Core Reject	0.81	40	0.353	2

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Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002625.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69929	Core Reject	2.72	5	0.011	<2
69930	Core Reject	1.20	<2	0.002	<2
69931	Core Reject	1.73	7	0.016	<2
69932	Core Reject	1.92	28	0.051	<2
69933	Core Reject	1.98	23	0.105	<2
69934		0.05	36	0.901	32
69935	Core Reject	1.40	<2	0.009	<2
69936	Core Reject	0.89	2	0.008	<2
69937	Core Reject	1.43	6	0.014	<2
69938	Core Reject	0.84	3	<0.001	<2
69939	Core Reject	1.37	28	0.202	<2
69940	Core Reject	0.64	56	0.321	3

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

QUALITY CONTROL REPORT VAN12002625.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
69902	Core Reject	3.43	3	0.030	<2
REP 69902	QC		3		
69916	Core Reject	0.10	3	0.003	<2
REP 69916	QC			0.003	<2
69940	Core Reject	0.64	56	0.321	3
REP 69940	QC		49		
Core Reject Duplicates					
69932	Core Reject	1.92	28	0.051	<2
DUP 69932	QC	<0.01	28	0.045	<2
Reference Materials					
STD CDN-ME-14	Standard			1.220	42
STD CDN-ME-9	Standard			0.654	3
STD CDN-ME-14	Standard			1.248	43
STD CDN-ME-9	Standard			0.649	3
STD OXC88	Standard		204		
STD OXC88	Standard		182		
STD OXG99	Standard		916		
STD OXG99 Expected			932		
STD OXC88 Expected			203		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2

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Project: Bul River Mine
Report Date: June 20, 2012

QUALITY CONTROL REPORT VAN12002625.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 07, 2012
Report Date:	June 26, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN12002626.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG A
P.O. Number	
Number of Samples:	177

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

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SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	162	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	177	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	177	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Box 845
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Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank		<2	0.001	<2
G1	Prep Blank		<2	0.004	<2
71201	Drill Core	0.88	3	0.013	<2
71202	Drill Core	0.63	9	0.081	<2
71203	Drill Core	0.57	28	0.158	<2
71204	Drill Core	2.30	25	0.125	<2
71205	Rock Pulp	0.05	4462	0.960	90
71206	Drill Core	0.76	28	0.019	<2
71208	Drill Core	0.89	10	0.050	<2
71211	Drill Core	0.87	36	0.138	<2
71212	Drill Core	0.76	69	0.427	4
71213	Drill Core	2.47	545	1.363	10
71215	Drill Core	1.54	210	1.341	13
71218	Drill Core	0.86	90	0.023	<2
71219	Drill Core	0.77	975	0.014	<2
71220	Drill Core	0.72	566	0.049	<2
71221	Drill Core	0.52	12	0.002	<2
71222	Drill Core	0.89	17	0.007	<2
71223	Drill Core	0.73	63	0.038	<2
71224	Drill Core	0.72	89	0.013	<2
71225	Drill Core	1.33	28	0.171	<2
71226	Drill Core	1.09	55	0.159	2
71227	Drill Core	1.35	39	0.349	3
71228	Drill Core	1.34	18	0.110	<2
71229	Drill Core	1.53	604	4.310	30
71230	Drill Core	1.65	1825	4.521	31
71231	Drill Core	1.13	307	3.891	27
71232	Drill Core	1.15	825	4.708	32
71233	Drill Core	1.13	494	0.574	10
71234	Rock Pulp	0.05	428	2.905	92

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Box 845
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Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71235	Drill Core	0.82	1732	1.094	9
71236	Drill Core	1.72	369	0.927	8
71237	Drill Core	1.22	457	2.723	25
71238	Drill Core	0.79	400	0.705	6
71239	Drill Core	1.23	231	5.114	39
71240	Rock Pulp	0.05	<2	0.002	<2
71241	Drill Core	1.38	2	0.024	<2
71242	Drill Core	1.19	33	0.015	<2
71243	Drill Core	1.84	5	0.003	<2
71244	Drill Core	2.16	<2	0.002	<2
71245	Drill Core	1.76	6	0.005	<2
71246	Drill Core	1.84	<2	0.006	<2
71247	Drill Core	0.62	738	8.720	112
71248	Drill Core	1.01	84	0.032	<2
71249	Drill Core	1.41	192	0.527	3
71250	Drill Core	1.93	196	0.107	<2
71251	Drill Core	1.10	7	0.028	<2
71252	Drill Core	1.46	3	0.057	<2
71253	Drill Core	1.32	19	0.053	<2
71254	Drill Core	1.67	9	0.034	<2
71255	Drill Core	1.81	18	0.059	<2
71256	Drill Core	2.65	99	0.786	6
71257	Rock Pulp	0.05	38	0.892	34
71258	Drill Core	2.83	76	0.528	3
71259	Drill Core	1.41	144	0.692	6
71260	Drill Core	4.73	87	0.316	<2
71261	Drill Core	3.08	56	0.150	<2
71262	Rock Pulp	0.05	2	0.002	<2
71263	Drill Core	2.51	504	0.600	5
71264	Drill Core	1.67	81	0.351	3

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Box 845
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Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71265	Drill Core	0.67	42	0.293	3
71266	Drill Core	1.74	219	0.870	6
71267	Drill Core	0.81	211	0.723	6
71268	Drill Core	2.16	51	0.259	<2
71269	Drill Core	2.55	47	0.209	<2
71270	Drill Core	1.23	160	0.637	4
71271	Drill Core	0.89	375	1.280	10
71272	Drill Core	1.09	279	0.519	5
71273	Drill Core	0.84	1192	0.313	<2
71274	Drill Core	1.17	55	0.092	<2
71275	Drill Core	1.35	157	0.327	3
71276	Drill Core	2.13	67	0.466	3
71277	Drill Core	0.84	91	0.376	5
71278	Drill Core	1.85	178	0.439	3
71279	Drill Core	2.03	55	0.176	<2
71280	Rock Pulp	0.05	34	0.947	35
71281	Drill Core	1.62	108	0.694	6
71282	Drill Core	1.67	158	0.822	7
71283	Drill Core	0.73	130	0.466	5
71284	Drill Core	2.69	246	0.273	3
71285	Rock Pulp	0.05	<2	0.001	<2
71286	Drill Core	1.39	<2	0.005	<2
71287	Drill Core	1.84	16	0.021	<2
71288	Drill Core	1.41	113	0.001	<2
71289	Drill Core	1.83	217	0.002	<2
71290	Drill Core	1.81	398	0.726	10
71291	Drill Core	1.17	1232	0.842	9
71292	Drill Core	1.47	869	1.756	16
71293	Drill Core	1.28	334	0.441	6
71294	Drill Core	0.84	43	0.180	2

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Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71295	Drill Core	1.01	412	1.602	18
71296	Drill Core	0.89	55	0.525	6
71297	Drill Core	1.22	160	1.331	8
71298	Drill Core	1.20	43	0.810	5
71299	Drill Core	0.89	139	1.331	7
71300	Drill Core	0.95	96	0.994	4
71301	Drill Core	1.05	51	1.096	6
71302	Drill Core	1.08	89	1.561	9
71303	Drill Core	0.90	158	2.221	13
71304	Drill Core	0.60	63	1.690	9
71305	Drill Core	1.37	12	0.185	<2
71306	Drill Core	1.01	7	0.367	3
71307	Rock Pulp	0.05	4835	1.088	101
71308	Drill Core	0.81	27	0.273	3
71309	Drill Core	1.06	6	0.043	<2
71310	Drill Core	1.05	50	0.130	<2
71311	Drill Core	0.92	9	0.052	<2
71312	Drill Core	0.67	173	0.051	<2
71313	Drill Core	1.05	85	0.891	9
71314	Drill Core	1.39	209	2.179	23
71315	Drill Core	0.57	48	0.453	5
71316	Drill Core	1.26	160	1.680	15
71317A	Rock Pulp	0.05	<2	0.004	<2
71317B	Rock Pulp	0.05	<2	0.001	<2
71318	Drill Core	1.49	655	2.945	48
71319	Drill Core	1.30	183	3.426	31
71320	Drill Core	1.36	319	3.575	34
71321	Drill Core	1.04	844	4.599	42
71322	Drill Core	0.45	1503	3.650	34
71323	Drill Core	1.15	391	1.468	11

Acme Labs
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71324	Drill Core	1.12	83	0.488	<2
71325	Drill Core	0.82	22	0.080	<2
71326	Drill Core	1.21	85	0.530	<2
71327	Drill Core	1.01	56	0.236	<2
71328	Drill Core	0.93	357	0.420	<2
71329	Drill Core	2.37	62	0.322	3
71330	Drill Core	1.63	70	0.297	<2
71331	Drill Core	1.44	6	0.054	<2
71332	Rock Pulp	0.05	4663	1.016	98
71333	Drill Core	1.61	223	0.932	9
71334	Drill Core	1.55	1281	0.813	9
71335	Drill Core	1.77	124	0.193	<2
71336	Drill Core	1.28	19	0.084	<2
71337	Drill Core	2.08	54	0.122	<2
71338	Drill Core	1.71	81	0.508	3
71339	Drill Core	1.52	235	0.433	4
71340	Drill Core	1.67	603	0.237	<2
71341	Drill Core	1.80	132	1.137	7
71342	Rock Pulp	0.05	<2	0.002	<2
71343	Drill Core	1.34	39	0.132	<2
71344	Drill Core	2.44	843	0.640	<2
71345	Drill Core	1.47	295	0.175	<2
71346	Drill Core	1.52	8	0.022	<2
71347	Drill Core	1.73	34	0.135	<2
71348	Drill Core	0.62	30	0.267	2
71349	Drill Core	0.73	214	1.046	9
71350	Drill Core	1.09	32	0.458	2
71351	Drill Core	0.77	3698	1.448	8
71352	Drill Core	0.87	195	0.405	5
71353	Drill Core	0.67	112	0.631	5

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71354	Drill Core	1.76	16	0.024	<2
71355	Drill Core	2.10	689	0.848	6
71356	Drill Core	2.21	529	0.570	5
71357	Drill Core	1.79	230	0.345	<2
71358	Drill Core	1.90	634	0.867	4
71359	Rock Pulp	0.05	2	0.001	<2
71360	Drill Core	2.81	285	0.153	<2
71361	Drill Core	2.27	85	0.270	<2
71362	Drill Core	2.53	258	0.257	<2
71363	Drill Core	1.47	112	0.423	<2
71364	Drill Core	1.78	180	0.031	3
71404	Drill Core	2.15	179	0.323	2
71406	Drill Core	1.08	320	0.301	<2
71407	Rock Pulp	0.05	39	0.938	33
71408	Drill Core	1.70	937	0.454	3
71409	Drill Core	2.48	162	0.572	3
71410	Drill Core	0.72	51	0.058	<2
71411	Drill Core	1.09	61	0.089	<2
71412	Drill Core	0.64	18	0.101	<2
71413	Drill Core	1.38	9	0.015	<2
71414	Drill Core	1.06	453	0.601	12
71415	Drill Core	0.81	12	0.072	<2
71416	Drill Core	0.65	42	0.101	<2
71417	Rock Pulp	0.05	<2	0.001	<2
71418	Drill Core	1.13	63	0.058	<2
71419	Drill Core	0.64	32	0.087	<2
71420	Drill Core	1.03	79	0.314	2
71216	Drill Core	1.53	1067	3.477	26
71217	Drill Core	1.32	345	0.961	5

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

QUALITY CONTROL REPORT VAN12002626.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
71221	Drill Core	0.52	12	0.002	<2
REP 71221	QC			0.002	<2
71228	Drill Core	1.34	18	0.110	<2
REP 71228	QC		19		
71256	Drill Core	2.65	99	0.786	6
REP 71256	QC			0.779	5
71262	Rock Pulp	0.05	2	0.002	<2
REP 71262	QC		<2		
71291	Drill Core	1.17	1232	0.842	9
REP 71291	QC			0.839	12
71296	Drill Core	0.89	55	0.525	6
REP 71296	QC		52		
71325	Drill Core	0.82	22	0.080	<2
REP 71325	QC			0.076	<2
71329	Drill Core	2.37	62	0.322	3
REP 71329	QC		45		
71360	Drill Core	2.81	285	0.153	<2
REP 71360	QC		276	0.154	<2
71217	Drill Core	1.32	345	0.961	5
REP 71217	QC			1.013	6
Core Reject Duplicates					
71237	Drill Core	1.22	457	2.723	25
DUP 71237	QC		469	2.339	22
71271	Drill Core	0.89	375	1.280	10
DUP 71271	QC		417	1.301	10
71305	Drill Core	1.37	12	0.185	<2
DUP 71305	QC		10	0.180	<2
71338	Drill Core	1.71	81	0.508	3

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QUALITY CONTROL REPORT VAN12002626.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
DUP 71338	QC		70	0.499	2
71412	Drill Core	0.64	18	0.101	<2
DUP 71412	QC		25	0.121	<2
Reference Materials					
STD CDN-ME-14	Standard			1.247	46
STD CDN-ME-9	Standard			0.633	3
STD CDN-ME-9	Standard			0.615	3
STD CDN-ME-14	Standard			1.293	48
STD CDN-ME-9	Standard			0.675	3
STD CDN-ME-9	Standard			0.664	3
STD CDN-ME-14	Standard			1.256	44
STD CDN-ME-14	Standard			1.272	42
STD CDN-ME-9	Standard			0.679	<2
STD CDN-ME-9	Standard			0.659	4
STD CDN-ME-14	Standard			1.216	43
STD CDN-ME-14	Standard			1.276	44
STD CDN-ME-14	Standard			1.297	47
STD CDN-ME-9	Standard			0.659	5
STD OXC88	Standard		200		
STD OXC88	Standard		194		
STD OXC88	Standard		208		
STD OXC88	Standard		193		
STD OXC88	Standard		202		
STD OXC88	Standard		208		
STD OXC88	Standard		200		
STD OXG99	Standard		870		
STD OXG99	Standard		914		
STD OXG99	Standard		937		
STD OXG99	Standard		936		

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QUALITY CONTROL REPORT VAN12002626.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXG99	Standard		921		
STD OXG99	Standard		974		
STD OXG99 Expected			932		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
STD OXC88 Expected			203		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		2		
Prep Wash					
G1	Prep Blank		<2	0.001	<2

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Report Date: June 26, 2012

QUALITY CONTROL REPORT VAN12002626.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
G1	Prep Blank		<2	0.004	<2

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Client: **Bul River Mineral Corporation**
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Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 07, 2012
Report Date:	September 11, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN12002626.2

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG A
P.O. Number	
Number of Samples:	177

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	162	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	177	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	177	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G606	60	Fire Assay fusion Au, Pt, Pd by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : G6-Pt Pd included.

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Bul River Mine
Report Date: September 11, 2012

CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
G1	Prep Blank		<2	0.001	<2	N.A.	N.A.
G1	Prep Blank		<2	0.004	<2	N.A.	N.A.
71201	Drill Core	0.88	3	0.013	<2	<0.01	<0.01
71202	Drill Core	0.63	9	0.081	<2	<0.01	<0.01
71203	Drill Core	0.57	28	0.158	<2	<0.01	<0.01
71204	Drill Core	2.30	25	0.125	<2	<0.01	<0.01
71205	Rock Pulp	0.05	4462	0.960	90	N.A.	N.A.
71206	Drill Core	0.76	28	0.019	<2	N.A.	N.A.
71208	Drill Core	0.89	10	0.050	<2	N.A.	N.A.
71211	Drill Core	0.87	36	0.138	<2	<0.01	<0.01
71212	Drill Core	0.76	69	0.427	4	<0.01	<0.01
71213	Drill Core	2.47	545	1.363	10	<0.01	<0.01
71215	Drill Core	1.54	210	1.341	13	<0.01	<0.01
71218	Drill Core	0.86	90	0.023	<2	N.A.	N.A.
71219	Drill Core	0.77	975	0.014	<2	N.A.	N.A.
71220	Drill Core	0.72	566	0.049	<2	N.A.	N.A.
71221	Drill Core	0.52	12	0.002	<2	N.A.	N.A.
71222	Drill Core	0.89	17	0.007	<2	N.A.	N.A.
71223	Drill Core	0.73	63	0.038	<2	N.A.	N.A.
71224	Drill Core	0.72	89	0.013	<2	N.A.	N.A.
71225	Drill Core	1.33	28	0.171	<2	N.A.	N.A.
71226	Drill Core	1.09	55	0.159	2	N.A.	N.A.
71227	Drill Core	1.35	39	0.349	3	N.A.	N.A.
71228	Drill Core	1.34	18	0.110	<2	N.A.	N.A.
71229	Drill Core	1.53	604	4.310	30	N.A.	N.A.
71230	Drill Core	1.65	1825	4.521	31	N.A.	N.A.
71231	Drill Core	1.13	307	3.891	27	N.A.	N.A.
71232	Drill Core	1.15	825	4.708	32	N.A.	N.A.
71233	Drill Core	1.13	494	0.574	10	N.A.	N.A.
71234	Rock Pulp	0.05	428	2.905	92	N.A.	N.A.

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Project: Bul River Mine
Report Date: September 11, 2012

CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71235	Drill Core	0.82	1732	1.094	9	<0.01	<0.01
71236	Drill Core	1.72	369	0.927	8	<0.01	<0.01
71237	Drill Core	1.22	457	2.723	25	<0.01	<0.01
71238	Drill Core	0.79	400	0.705	6	<0.01	<0.01
71239	Drill Core	1.23	231	5.114	39	<0.01	<0.01
71240	Rock Pulp	0.05	<2	0.002	<2	N.A.	N.A.
71241	Drill Core	1.38	2	0.024	<2	N.A.	N.A.
71242	Drill Core	1.19	33	0.015	<2	N.A.	N.A.
71243	Drill Core	1.84	5	0.003	<2	N.A.	N.A.
71244	Drill Core	2.16	<2	0.002	<2	N.A.	N.A.
71245	Drill Core	1.76	6	0.005	<2	N.A.	N.A.
71246	Drill Core	1.84	<2	0.006	<2	N.A.	N.A.
71247	Drill Core	0.62	738	8.720	112	N.A.	N.A.
71248	Drill Core	1.01	84	0.032	<2	<0.01	<0.01
71249	Drill Core	1.41	192	0.527	3	<0.01	<0.01
71250	Drill Core	1.93	196	0.107	<2	<0.01	<0.01
71251	Drill Core	1.10	7	0.028	<2	<0.01	<0.01
71252	Drill Core	1.46	3	0.057	<2	<0.01	<0.01
71253	Drill Core	1.32	19	0.053	<2	<0.01	<0.01
71254	Drill Core	1.67	9	0.034	<2	N.A.	N.A.
71255	Drill Core	1.81	18	0.059	<2	N.A.	N.A.
71256	Drill Core	2.65	99	0.786	6	N.A.	N.A.
71257	Rock Pulp	0.05	38	0.892	34	N.A.	N.A.
71258	Drill Core	2.83	76	0.528	3	N.A.	N.A.
71259	Drill Core	1.41	144	0.692	6	N.A.	N.A.
71260	Drill Core	4.73	87	0.316	<2	N.A.	N.A.
71261	Drill Core	3.08	56	0.150	<2	N.A.	N.A.
71262	Rock Pulp	0.05	2	0.002	<2	N.A.	N.A.
71263	Drill Core	2.51	504	0.600	5	N.A.	N.A.
71264	Drill Core	1.67	81	0.351	3	N.A.	N.A.

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Project: Bul River Mine
Report Date: September 11, 2012

CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71265	Drill Core	0.67	42	0.293	3	N.A.	N.A.
71266	Drill Core	1.74	219	0.870	6	N.A.	N.A.
71267	Drill Core	0.81	211	0.723	6	N.A.	N.A.
71268	Drill Core	2.16	51	0.259	<2	N.A.	N.A.
71269	Drill Core	2.55	47	0.209	<2	N.A.	N.A.
71270	Drill Core	1.23	160	0.637	4	N.A.	N.A.
71271	Drill Core	0.89	375	1.280	10	N.A.	N.A.
71272	Drill Core	1.09	279	0.519	5	N.A.	N.A.
71273	Drill Core	0.84	1192	0.313	<2	N.A.	N.A.
71274	Drill Core	1.17	55	0.092	<2	N.A.	N.A.
71275	Drill Core	1.35	157	0.327	3	N.A.	N.A.
71276	Drill Core	2.13	67	0.466	3	N.A.	N.A.
71277	Drill Core	0.84	91	0.376	5	N.A.	N.A.
71278	Drill Core	1.85	178	0.439	3	N.A.	N.A.
71279	Drill Core	2.03	55	0.176	<2	N.A.	N.A.
71280	Rock Pulp	0.05	34	0.947	35	N.A.	N.A.
71281	Drill Core	1.62	108	0.694	6	N.A.	N.A.
71282	Drill Core	1.67	158	0.822	7	N.A.	N.A.
71283	Drill Core	0.73	130	0.466	5	N.A.	N.A.
71284	Drill Core	2.69	246	0.273	3	N.A.	N.A.
71285	Rock Pulp	0.05	<2	0.001	<2	N.A.	N.A.
71286	Drill Core	1.39	<2	0.005	<2	<0.01	<0.01
71287	Drill Core	1.84	16	0.021	<2	<0.01	<0.01
71288	Drill Core	1.41	113	0.001	<2	<0.01	<0.01
71289	Drill Core	1.83	217	0.002	<2	N.A.	N.A.
71290	Drill Core	1.81	398	0.726	10	<0.01	<0.01
71291	Drill Core	1.17	1232	0.842	9	<0.01	<0.01
71292	Drill Core	1.47	869	1.756	16	<0.01	<0.01
71293	Drill Core	1.28	334	0.441	6	N.A.	N.A.
71294	Drill Core	0.84	43	0.180	2	N.A.	N.A.

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CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71295	Drill Core	1.01	412	1.602	18	N.A.	N.A.
71296	Drill Core	0.89	55	0.525	6	N.A.	N.A.
71297	Drill Core	1.22	160	1.331	8	N.A.	N.A.
71298	Drill Core	1.20	43	0.810	5	N.A.	N.A.
71299	Drill Core	0.89	139	1.331	7	N.A.	N.A.
71300	Drill Core	0.95	96	0.994	4	N.A.	N.A.
71301	Drill Core	1.05	51	1.096	6	N.A.	N.A.
71302	Drill Core	1.08	89	1.561	9	N.A.	N.A.
71303	Drill Core	0.90	158	2.221	13	N.A.	N.A.
71304	Drill Core	0.60	63	1.690	9	N.A.	N.A.
71305	Drill Core	1.37	12	0.185	<2	<0.01	<0.01
71306	Drill Core	1.01	7	0.367	3	<0.01	<0.01
71307	Rock Pulp	0.05	4835	1.088	101	N.A.	N.A.
71308	Drill Core	0.81	27	0.273	3	N.A.	N.A.
71309	Drill Core	1.06	6	0.043	<2	N.A.	N.A.
71310	Drill Core	1.05	50	0.130	<2	N.A.	N.A.
71311	Drill Core	0.92	9	0.052	<2	N.A.	N.A.
71312	Drill Core	0.67	173	0.051	<2	N.A.	N.A.
71313	Drill Core	1.05	85	0.891	9	<0.01	<0.01
71314	Drill Core	1.39	209	2.179	23	<0.01	<0.01
71315	Drill Core	0.57	48	0.453	5	<0.01	<0.01
71316	Drill Core	1.26	160	1.680	15	<0.01	<0.01
71317A	Rock Pulp	0.05	<2	0.004	<2	N.A.	N.A.
71317B	Rock Pulp	0.05	<2	0.001	<2	N.A.	N.A.
71318	Drill Core	1.49	655	2.945	48	<0.01	<0.01
71319	Drill Core	1.30	183	3.426	31	<0.01	<0.01
71320	Drill Core	1.36	319	3.575	34	<0.01	<0.01
71321	Drill Core	1.04	844	4.599	42	<0.01	<0.01
71322	Drill Core	0.45	1503	3.650	34	<0.01	<0.01
71323	Drill Core	1.15	391	1.468	11	N.A.	N.A.

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www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 11, 2012

CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71324	Drill Core	1.12	83	0.488	<2	N.A.	N.A.
71325	Drill Core	0.82	22	0.080	<2	N.A.	N.A.
71326	Drill Core	1.21	85	0.530	<2	<0.01	<0.01
71327	Drill Core	1.01	56	0.236	<2	<0.01	<0.01
71328	Drill Core	0.93	357	0.420	<2	<0.01	<0.01
71329	Drill Core	2.37	62	0.322	3	N.A.	N.A.
71330	Drill Core	1.63	70	0.297	<2	N.A.	N.A.
71331	Drill Core	1.44	6	0.054	<2	N.A.	N.A.
71332	Rock Pulp	0.05	4663	1.016	98	N.A.	N.A.
71333	Drill Core	1.61	223	0.932	9	N.A.	N.A.
71334	Drill Core	1.55	1281	0.813	9	N.A.	N.A.
71335	Drill Core	1.77	124	0.193	<2	N.A.	N.A.
71336	Drill Core	1.28	19	0.084	<2	<0.01	<0.01
71337	Drill Core	2.08	54	0.122	<2	<0.01	<0.01
71338	Drill Core	1.71	81	0.508	3	<0.01	<0.01
71339	Drill Core	1.52	235	0.433	4	<0.01	<0.01
71340	Drill Core	1.67	603	0.237	<2	<0.01	<0.01
71341	Drill Core	1.80	132	1.137	7	<0.01	<0.01
71342	Rock Pulp	0.05	<2	0.002	<2	N.A.	N.A.
71343	Drill Core	1.34	39	0.132	<2	<0.01	<0.01
71344	Drill Core	2.44	843	0.640	<2	<0.01	<0.01
71345	Drill Core	1.47	295	0.175	<2	<0.01	<0.01
71346	Drill Core	1.52	8	0.022	<2	<0.01	<0.01
71347	Drill Core	1.73	34	0.135	<2	<0.01	<0.01
71348	Drill Core	0.62	30	0.267	2	N.A.	N.A.
71349	Drill Core	0.73	214	1.046	9	N.A.	N.A.
71350	Drill Core	1.09	32	0.458	2	N.A.	N.A.
71351	Drill Core	0.77	3698	1.448	8	N.A.	N.A.
71352	Drill Core	0.87	195	0.405	5	N.A.	N.A.
71353	Drill Core	0.67	112	0.631	5	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 11, 2012

CERTIFICATE OF ANALYSIS VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71354	Drill Core	1.76	16	0.024	<2	<0.01	<0.01
71355	Drill Core	2.10	689	0.848	6	<0.01	<0.01
71356	Drill Core	2.21	529	0.570	5	<0.01	<0.01
71357	Drill Core	1.79	230	0.345	<2	<0.01	<0.01
71358	Drill Core	1.90	634	0.867	4	<0.01	<0.01
71359	Rock Pulp	0.05	2	0.001	<2	N.A.	N.A.
71360	Drill Core	2.81	285	0.153	<2	<0.01	<0.01
71361	Drill Core	2.27	85	0.270	<2	<0.01	<0.01
71362	Drill Core	2.53	258	0.257	<2	<0.01	<0.01
71363	Drill Core	1.47	112	0.423	<2	<0.01	<0.01
71364	Drill Core	1.78	180	0.031	3	<0.01	<0.01
71404	Drill Core	2.15	179	0.323	2	N.A.	N.A.
71406	Drill Core	1.08	320	0.301	<2	N.A.	N.A.
71407	Rock Pulp	0.05	39	0.938	33	N.A.	N.A.
71408	Drill Core	1.70	937	0.454	3	N.A.	N.A.
71409	Drill Core	2.48	162	0.572	3	N.A.	N.A.
71410	Drill Core	0.72	51	0.058	<2	N.A.	N.A.
71411	Drill Core	1.09	61	0.089	<2	N.A.	N.A.
71412	Drill Core	0.64	18	0.101	<2	N.A.	N.A.
71413	Drill Core	1.38	9	0.015	<2	N.A.	N.A.
71414	Drill Core	1.06	453	0.601	12	N.A.	N.A.
71415	Drill Core	0.81	12	0.072	<2	N.A.	N.A.
71416	Drill Core	0.65	42	0.101	<2	N.A.	N.A.
71417	Rock Pulp	0.05	<2	0.001	<2	N.A.	N.A.
71418	Drill Core	1.13	63	0.058	<2	N.A.	N.A.
71419	Drill Core	0.64	32	0.087	<2	N.A.	N.A.
71420	Drill Core	1.03	79	0.314	2	N.A.	N.A.
71216	Drill Core	1.53	1067	3.477	26	N.A.	N.A.
71217	Drill Core	1.32	345	0.961	5	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 11, 2012

QUALITY CONTROL REPORT VAN12002626.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
Pulp Duplicates							
71221	Drill Core	0.52	12	0.002	<2	N.A.	N.A.
REP 71221	QC			0.002	<2		
71228	Drill Core	1.34	18	0.110	<2	N.A.	N.A.
REP 71228	QC		19				
71256	Drill Core	2.65	99	0.786	6	N.A.	N.A.
REP 71256	QC			0.779	5		
71262	Rock Pulp	0.05	2	0.002	<2	N.A.	N.A.
REP 71262	QC		<2				
71290	Drill Core	1.81	398	0.726	10	<0.01	<0.01
REP 71290	QC					<0.01	<0.01
71291	Drill Core	1.17	1232	0.842	9	<0.01	<0.01
REP 71291	QC			0.839	12		
71296	Drill Core	0.89	55	0.525	6	N.A.	N.A.
REP 71296	QC		52				
71325	Drill Core	0.82	22	0.080	<2	N.A.	N.A.
REP 71325	QC			0.076	<2		
71329	Drill Core	2.37	62	0.322	3	N.A.	N.A.
REP 71329	QC		45				
71360	Drill Core	2.81	285	0.153	<2	<0.01	<0.01
REP 71360	QC		276	0.154	<2	<0.01	<0.01
71217	Drill Core	1.32	345	0.961	5	N.A.	N.A.
REP 71217	QC			1.013	6		
Core Reject Duplicates							
71237	Drill Core	1.22	457	2.723	25	<0.01	<0.01
DUP 71237	QC		469	2.339	22	<0.01	<0.01
71271	Drill Core	0.89	375	1.280	10	N.A.	N.A.
DUP 71271	QC		417	1.301	10	N.A.	N.A.
71305	Drill Core	1.37	12	0.185	<2	<0.01	<0.01

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Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 11, 2012

QUALITY CONTROL REPORT VAN12002626.2

		WGHT	3B	7TD	7TD	G6	G6
		Wgt	Au	Cu	Ag	Pt	Pd
		kg	ppb	%	gm/t	gm/t	gm/t
		0.01	2	0.001	2	0.01	0.01
DUP 71305	QC		10	0.180	<2	<0.01	<0.01
71338	Drill Core	1.71	81	0.508	3	<0.01	<0.01
DUP 71338	QC		70	0.499	2	<0.01	<0.01
71412	Drill Core	0.64	18	0.101	<2	N.A.	N.A.
DUP 71412	QC		25	0.121	<2	N.A.	N.A.
Reference Materials							
STD CDN-ME-14	Standard			1.247	46		
STD CDN-ME-9	Standard			0.633	3		
STD CDN-ME-9	Standard			0.615	3		
STD CDN-ME-14	Standard			1.293	48		
STD CDN-ME-9	Standard			0.675	3		
STD CDN-ME-9	Standard			0.664	3		
STD CDN-ME-14	Standard			1.256	44		
STD CDN-ME-14	Standard			1.272	42		
STD CDN-ME-9	Standard			0.679	<2		
STD CDN-ME-9	Standard			0.659	4		
STD CDN-ME-14	Standard			1.216	43		
STD CDN-ME-14	Standard			1.276	44		
STD CDN-ME-14	Standard			1.297	47		
STD CDN-ME-9	Standard			0.659	5		
STD CDN-PGMS-19	Standard					0.08	0.51
STD CDN-PGMS-19	Standard					0.08	0.52
STD OXC88	Standard		200				
STD OXC88	Standard		194				
STD OXC88	Standard		208				
STD OXC88	Standard		193				
STD OXC88	Standard		202				
STD OXC88	Standard		208				
STD OXC88	Standard		200				

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QUALITY CONTROL REPORT VAN12002626.2

		WGHT	3B	7TD	7TD	G6	G6
		Wgt	Au	Cu	Ag	Pt	Pd
		kg	ppb	%	gm/t	gm/t	gm/t
		0.01	2	0.001	2	0.01	0.01
STD OXG99	Standard		870				
STD OXG99	Standard		914				
STD OXG99	Standard		937				
STD OXG99	Standard		936				
STD OXG99	Standard		921				
STD OXG99	Standard		974				
STD PD1	Standard					0.45	0.55
STD PD1	Standard					0.50	0.60
STD PD1	Standard					0.45	0.56
STD OXG99 Expected			932				
STD CDN-ME-14 Expected				1.221	45		
STD CDN-ME-9 Expected				0.654			
STD OXC88 Expected			203				
STD CDN-PGMS-19						0.108	0.476
STD PD1 Expected						0.456	0.563
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank			<0.001	<2		
BLK	Blank			<0.001	<2		
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank			<0.001	<2		
BLK	Blank			<0.001	<2		
BLK	Blank		<2				
BLK	Blank		<2				

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Project: Bul River Mine
Report Date: September 11, 2012

QUALITY CONTROL REPORT VAN12002626.2

		WGHT	3B	7TD	7TD	G6	G6
		Wgt	Au	Cu	Ag	Pt	Pd
		kg	ppb	%	gm/t	gm/t	gm/t
		0.01	2	0.001	2	0.01	0.01
BLK	Blank			<0.001	<2		
BLK	Blank			<0.001	<2		
BLK	Blank			<0.001	<2		
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank			<0.001	<2		
BLK	Blank		2				
BLK	Blank					<0.01	<0.01
BLK	Blank					<0.01	<0.01
BLK	Blank					<0.01	<0.01
BLK	Blank					<0.01	<0.01
BLK	Blank					<0.01	<0.01
Prep Wash							
G1	Prep Blank		<2	0.001	<2	N.A.	N.A.
G1	Prep Blank		<2	0.004	<2	N.A.	N.A.

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 31, 2012
Report Date:	September 14, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12002626M.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG A
P.O. Number	
Number of Samples:	3

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	3	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	3	Analysis sample split/packet			VAN
Split -150	3	Analysis sample split/packet			VAN
G602	3	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

CERTIFICATE OF ANALYSIS VAN12002626M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.005	<0.005	18.15	<0.01
71230	Drill Core	1.716	0.038	13.91	1.74
71235	Drill Core	0.993	0.085	16.85	1.14
71351	Drill Core	1.213	0.229	20.14	1.67

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

QUALITY CONTROL REPORT VAN12002626M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
Reference Materials					
STD OXG99	Standard	0.910			
STD OXK94	Standard	3.664			
STD OXP91	Standard		0.450	30.01	
STD OXP91	Standard		0.454	30.00	
BLK	Blank		<0.005	30.00	
BLK	Blank		<0.005	30.00	
BLK	Blank	<0.005			
BLK	Blank	<0.005			
Prep Wash					
G1	Prep Blank	<0.005	<0.005	18.15	<0.01

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 11, 2012
Report Date:	June 20, 2012
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN12002665.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG B
P.O. Number	
Number of Samples:	81

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	74	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	81	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	81	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002665.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	NULL	<2	<0.001	<2
G1	Prep Blank	NULL	<2	<0.001	<2
69632	Rock	4.09	15	0.395	<2
69633	Rock	10.21	479	3.070	22
69634	Rock Pulp	0.05	<2	0.002	<2
69635	Rock	9.70	69	1.402	9
69636	Rock	6.70	5	0.029	<2
69637	Rock	10.61	113	1.489	10
69638	Rock	6.31	53	3.482	26
69639	Rock	5.13	276	4.904	41
69640	Rock	4.17	57	0.611	5
69641	Rock	5.53	15	0.361	<2
69642	Rock	5.86	3	0.054	<2
69643	Rock Pulp	0.05	437	3.062	104
69644	Rock	3.25	137	1.925	15
69645	Rock	3.50	88	1.199	7
69646	Rock	3.91	72	0.761	6
69647	Rock	3.75	15	0.249	<2
69648	Rock	6.25	<2	0.008	<2
69649	Rock	4.73	<2	0.005	<2
69650	Rock	4.72	4	0.014	<2
69651	Rock	4.10	<2	0.010	<2
69652	Rock	5.46	<2	0.004	<2
69653	Rock	4.61	<2	0.007	<2
69654	Rock	7.27	<2	0.007	<2
69655	Rock	5.22	<2	0.015	<2
69656	Rock	6.63	5	0.052	<2
69657	Rock	4.97	3	0.042	<2
69658	Rock Pulp	0.05	4490	1.051	107
69659	Rock	3.91	<2	0.034	<2

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Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002665.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69660	Rock	6.19	14	0.214	2
69661	Rock	7.99	13	0.192	<2
69662	Rock	6.37	20	0.247	2
69663	Rock	7.72	5	0.039	<2
69664	Rock	6.63	5	0.041	<2
69665	Rock	6.41	11	0.158	<2
69666	Rock Pulp	0.05	<2	0.002	<2
69667	Rock	6.84	62	2.995	22
69668	Rock	6.98	4	0.071	<2
69669	Rock	8.49	19	0.316	4
69670	Rock	6.93	130	2.889	30
69671	Rock	5.68	165	3.118	26
69672	Rock	5.58	425	6.078	51
69673	Rock	5.18	228	3.931	40
69674	Rock	10.52	8	0.160	<2
69675	Rock	7.80	107	2.647	27
69676	Rock	7.42	174	2.871	25
69677	Rock Pulp	0.05	<2	0.006	<2
69678	Rock	7.98	103	2.039	18
69679	Rock	7.24	320	4.848	46
69680	Rock	7.23	476	6.056	57
69681	Rock	5.62	6	0.218	2
69682	Rock	5.98	22	1.179	11
69683	Rock	7.18	69	1.166	13
69684	Rock	7.80	170	2.770	27
69685	Rock	7.25	156	1.319	13
69686	Rock	11.36	32	0.573	5
69687	Rock	3.98	69	2.128	29
69688	Rock	4.83	439	3.483	53
69689	Rock	5.15	160	2.390	24

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Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

CERTIFICATE OF ANALYSIS VAN12002665.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69690	Rock	7.00	199	4.855	48
69691	Rock	6.83	8	0.052	<2
69692	Rock	5.82	7	0.067	<2
69693	Rock	5.20	55	1.088	11
69694	Rock	5.92	294	5.571	69
69695	Rock	5.83	464	6.487	66
69696	Rock	9.94	43	1.035	11
69697	Rock Pulp	0.05	38	0.915	33
69698	Rock	9.10	303	4.802	47
69699	Rock	5.97	12	0.130	<2
69700	Rock	6.95	22	0.290	5
69701	Rock	7.65	169	0.880	9
69702	Rock	6.66	370	3.558	40
69703	Rock	8.04	194	2.838	34
69714	Rock	8.87	441	8.000	90
69715	Rock	5.06	58	1.874	21
69716	Rock	3.99	331	1.466	22
69717	Rock	4.60	12	0.443	3
69718	Rock Pulp	0.05	338	3.051	100
69719	Rock	4.35	317	2.997	34
69720	Rock	6.43	163	6.296	75
69721	Rock	3.47	749	2.552	30
69722	Rock	3.84	91	1.204	13

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

QUALITY CONTROL REPORT VAN12002665.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
69639	Rock	5.13	276	4.904	41
REP 69639	QC			4.844	40
69662	Rock	6.37	20	0.247	2
REP 69662	QC		19		
69674	Rock	10.52	8	0.160	<2
REP 69674	QC			0.160	<2
69696	Rock	9.94	43	1.035	11
REP 69696	QC		44		
69719	Rock	4.35	317	2.997	34
REP 69719	QC			2.922	36
Core Reject Duplicates					
69650	Rock	4.72	4	0.014	<2
DUP 69650	QC	NULL	6	0.014	<2
69684	Rock	7.80	170	2.770	27
DUP 69684	QC	NULL	185	2.995	30
Reference Materials					
STD CDN-ME-14	Standard			1.289	45
STD CDN-ME-9	Standard			0.671	6
STD CDN-ME-14	Standard			1.218	43
STD CDN-ME-9	Standard			0.645	3
STD CDN-ME-9	Standard			0.635	3
STD CDN-ME-14	Standard			1.279	48
STD OXC88	Standard		206		
STD OXC88	Standard		202		
STD OXC88	Standard		202		
STD OXG99	Standard		979		
STD OXG99	Standard		967		
STD OXG99	Standard		967		

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Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 20, 2012

QUALITY CONTROL REPORT VAN12002665.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXC88 Expected			203		
STD OXG99 Expected			932		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			0.001	3
BLK	Blank			0.001	<2
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	NULL	<2	<0.001	<2
G1	Prep Blank	NULL	<2	<0.001	<2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 11, 2012
Report Date:	June 26, 2012
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN12002666.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG B
P.O. Number	
Number of Samples:	85

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	73	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	81	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	81	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002666.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	NULL	<2	<0.001	<2
G1	Prep Blank	NULL	2	<0.001	<2
71210	Rock Pulp	0.05	6	0.002	<2
71243	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71244	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71245	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71246	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71366	Drill Core	4.02	157	1.950	25
71367	Drill Core	0.84	255	1.895	22
71368	Drill Core	3.15	42	0.167	2
71369	Rock Pulp	0.05	418	3.033	102
71370	Drill Core	1.91	120	1.501	17
71371	Drill Core	2.23	52	0.293	3
71372	Drill Core	1.38	48	0.205	<2
71373	Drill Core	2.25	11	0.055	<2
71374	Drill Core	1.30	22	0.088	<2
71375	Drill Core	1.87	160	0.647	5
71376	Drill Core	1.90	53	0.289	<2
71377	Drill Core	2.03	9	0.092	<2
71378	Drill Core	2.10	5	0.111	<2
71379	Drill Core	1.71	60	0.502	<2
71380	Drill Core	2.67	496	1.069	8
71381	Drill Core	2.50	455	1.297	9
71382	Drill Core	2.61	109	0.380	<2
71383	Drill Core	2.08	82	0.230	<2
71384	Rock Pulp	0.05	<2	0.002	<2
71385	Drill Core	2.67	95	0.325	<2
71386	Drill Core	2.70	26	0.251	<2
71387	Drill Core	3.03	218	0.288	<2
71388	Drill Core	2.69	44	0.199	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002666.1

Method		WGHT	3B	7TD	7TD
Analyte		Wgt	Au	Cu	Ag
Unit		kg	ppb	%	gm/t
MDL		0.01	2	0.001	2
71389	Drill Core	1.21	290	0.234	<2
71390	Rock Pulp	0.05	370	3.001	102
71392	Drill Core	2.48	3765	3.338	23
71393	Drill Core	1.95	302	1.155	8
71394	Drill Core	1.90	1429	1.191	9
71395	Drill Core	2.28	397	1.892	15
71396	Drill Core	1.48	512	0.344	2
71397	Drill Core	2.26	401	1.081	8
71398	Drill Core	1.32	61	0.160	<2
71399	Drill Core	1.77	992	0.354	<2
71400	Drill Core	1.40	421	0.382	<2
71401	Drill Core	2.47	182	0.407	<2
71402	Drill Core	2.81	7	0.016	<2
71403	Drill Core	2.48	96	0.351	<2
71405	Drill Core	2.65	229	0.492	3
71407	Rock Pulp	0.05	38	0.879	33
71421	Drill Core	1.24	149	0.226	<2
71422	Drill Core	1.32	488	0.197	<2
71427	Drill Core	1.01	437	0.292	<2
71428	Drill Core	0.99	97	0.064	<2
71429	Drill Core	1.10	102	1.216	19
71430	Drill Core	0.37	569	7.122	91
71431	Drill Core	1.80	195	2.408	30
71432	Rock Pulp	0.05	193	0.181	12
71433	Drill Core	1.17	579	2.434	13
71434	Drill Core	1.15	7	0.035	<2
71435	Drill Core	1.40	31	0.200	<2
71436	Drill Core	0.95	8	0.065	<2
71437	Drill Core	2.00	15	0.040	<2
71438	Drill Core	0.88	<2	0.011	<2

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

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www.acmelab.com

Project: Bul River Mine
Report Date: June 26, 2012

CERTIFICATE OF ANALYSIS VAN12002666.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71439	Drill Core	1.58	87	0.446	4
71440	Drill Core	1.48	614	2.161	15
71441	Drill Core	2.29	104	0.645	5
71442	Rock Pulp	0.05	<2	0.002	<2
71443	Drill Core	2.32	50	0.183	<2
71444	Drill Core	0.74	7	0.068	<2
71445	Drill Core	0.85	<2	0.029	<2
71446	Drill Core	1.85	20	0.136	<2
71447	Drill Core	1.90	250	0.399	7
71448	Drill Core	0.74	116	0.857	7
71449	Drill Core	1.18	11	0.097	<2
71450	Drill Core	0.95	6651	1.835	17
71451	Drill Core	1.15	61	0.251	<2
71452	Drill Core	1.64	9	0.102	<2
71453	Drill Core	1.77	13	0.135	<2
71454	Drill Core	1.66	6	0.032	<2
71455	Drill Core	1.40	168	0.354	2
71456	Drill Core	2.62	138	0.366	<2
71457	Rock Pulp	0.05	4238	1.077	111
71458	Drill Core	1.76	6	0.056	<2
71459	Drill Core	2.16	77	1.639	10
71460	Drill Core	2.02	41	0.276	<2
71461	Drill Core	0.82	185	1.995	23
71423	Drill Core	1.16	100	1.143	13
71424	Drill Core	0.57	582	5.981	88
71425	Drill Core	0.65	302	5.034	59
71426	Drill Core	0.70	586	6.112	73

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: June 26, 2012

QUALITY CONTROL REPORT VAN12002666.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
71370	Drill Core	1.91	120	1.501	17
REP 71370	QC		119		
71379	Drill Core	1.71	60	0.502	<2
REP 71379	QC			0.498	<2
71407	Rock Pulp	0.05	38	0.879	33
REP 71407	QC		41		
71434	Drill Core	1.15	7	0.035	<2
REP 71434	QC			0.034	<2
71458	Drill Core	1.76	6	0.056	<2
REP 71458	QC		6		
REP 71461	QC		191		
71426	Drill Core	0.70	586	6.112	73
REP 71426	QC			6.020	74
Core Reject Duplicates					
71373	Drill Core	2.25	11	0.055	<2
DUP 71373	QC	NULL	4	0.055	<2
71427	Drill Core	1.01	437	0.292	<2
DUP 71427	QC	NULL	251	0.278	<2
71461	Drill Core	0.82	185	1.995	23
DUP 71461	QC	NULL	243	2.497	30
Reference Materials					
STD CDN-ME-9	Standard			0.635	3
STD CDN-ME-14	Standard			1.204	45
STD CDN-ME-14	Standard			1.205	49
STD CDN-ME-9	Standard			0.647	4
STD CDN-ME-9	Standard			0.649	3
STD CDN-ME-14	Standard			1.260	48
STD OXC88	Standard		210		

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Box 845
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Project: Bul River Mine
Report Date: June 26, 2012

QUALITY CONTROL REPORT VAN12002666.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXC88	Standard		207		
STD OXC88	Standard		202		
STD OXC88	Standard		200		
STD OXG99	Standard		980		
STD OXG99	Standard		938		
STD OXG99	Standard		961		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXG99 Expected			932		
STD OXC88 Expected			203		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		3		
BLK	Blank		2		
BLK	Blank		2		
Prep Wash					
G1	Prep Blank	NULL	<2	<0.001	<2
G1	Prep Blank	NULL	2	<0.001	<2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 11, 2012
Report Date:	August 31, 2012
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN12002666.2

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG B
P.O. Number	
Number of Samples:	85

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	80	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	81	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	81	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G606	2	Fire Assay fusion Pt, Pd by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: G606 Pt Pd for Samples 71424 & 71425 included.

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 31, 2012

CERTIFICATE OF ANALYSIS VAN12002666.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
G1	Prep Blank	NULL	<2	<0.001	<2	N.A.	N.A.
G1	Prep Blank	NULL	2	<0.001	<2	N.A.	N.A.
71210	Rock Pulp	0.05	6	0.002	<2	N.A.	N.A.
71243	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71244	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71245	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71246	Drill Core	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
71366	Drill Core	4.02	157	1.950	25	N.A.	N.A.
71367	Drill Core	0.84	255	1.895	22	N.A.	N.A.
71368	Drill Core	3.15	42	0.167	2	N.A.	N.A.
71369	Rock Pulp	0.05	418	3.033	102	N.A.	N.A.
71370	Drill Core	1.91	120	1.501	17	N.A.	N.A.
71371	Drill Core	2.23	52	0.293	3	N.A.	N.A.
71372	Drill Core	1.38	48	0.205	<2	N.A.	N.A.
71373	Drill Core	2.25	11	0.055	<2	N.A.	N.A.
71374	Drill Core	1.30	22	0.088	<2	N.A.	N.A.
71375	Drill Core	1.87	160	0.647	5	N.A.	N.A.
71376	Drill Core	1.90	53	0.289	<2	N.A.	N.A.
71377	Drill Core	2.03	9	0.092	<2	N.A.	N.A.
71378	Drill Core	2.10	5	0.111	<2	N.A.	N.A.
71379	Drill Core	1.71	60	0.502	<2	N.A.	N.A.
71380	Drill Core	2.67	496	1.069	8	N.A.	N.A.
71381	Drill Core	2.50	455	1.297	9	N.A.	N.A.
71382	Drill Core	2.61	109	0.380	<2	N.A.	N.A.
71383	Drill Core	2.08	82	0.230	<2	N.A.	N.A.
71384	Rock Pulp	0.05	<2	0.002	<2	N.A.	N.A.
71385	Drill Core	2.67	95	0.325	<2	N.A.	N.A.
71386	Drill Core	2.70	26	0.251	<2	N.A.	N.A.
71387	Drill Core	3.03	218	0.288	<2	N.A.	N.A.
71388	Drill Core	2.69	44	0.199	<2	N.A.	N.A.

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www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 31, 2012

CERTIFICATE OF ANALYSIS VAN12002666.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71389	Drill Core	1.21	290	0.234	<2	N.A.	N.A.
71390	Rock Pulp	0.05	370	3.001	102	N.A.	N.A.
71392	Drill Core	2.48	3765	3.338	23	N.A.	N.A.
71393	Drill Core	1.95	302	1.155	8	N.A.	N.A.
71394	Drill Core	1.90	1429	1.191	9	N.A.	N.A.
71395	Drill Core	2.28	397	1.892	15	N.A.	N.A.
71396	Drill Core	1.48	512	0.344	2	N.A.	N.A.
71397	Drill Core	2.26	401	1.081	8	N.A.	N.A.
71398	Drill Core	1.32	61	0.160	<2	N.A.	N.A.
71399	Drill Core	1.77	992	0.354	<2	N.A.	N.A.
71400	Drill Core	1.40	421	0.382	<2	N.A.	N.A.
71401	Drill Core	2.47	182	0.407	<2	N.A.	N.A.
71402	Drill Core	2.81	7	0.016	<2	N.A.	N.A.
71403	Drill Core	2.48	96	0.351	<2	N.A.	N.A.
71405	Drill Core	2.65	229	0.492	3	N.A.	N.A.
71407	Rock Pulp	0.05	38	0.879	33	N.A.	N.A.
71421	Drill Core	1.24	149	0.226	<2	N.A.	N.A.
71422	Drill Core	1.32	488	0.197	<2	N.A.	N.A.
71427	Drill Core	1.01	437	0.292	<2	N.A.	N.A.
71428	Drill Core	0.99	97	0.064	<2	N.A.	N.A.
71429	Drill Core	1.10	102	1.216	19	N.A.	N.A.
71430	Drill Core	0.37	569	7.122	91	N.A.	N.A.
71431	Drill Core	1.80	195	2.408	30	N.A.	N.A.
71432	Rock Pulp	0.05	193	0.181	12	N.A.	N.A.
71433	Drill Core	1.17	579	2.434	13	N.A.	N.A.
71434	Drill Core	1.15	7	0.035	<2	N.A.	N.A.
71435	Drill Core	1.40	31	0.200	<2	N.A.	N.A.
71436	Drill Core	0.95	8	0.065	<2	N.A.	N.A.
71437	Drill Core	2.00	15	0.040	<2	N.A.	N.A.
71438	Drill Core	0.88	<2	0.011	<2	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 31, 2012

CERTIFICATE OF ANALYSIS VAN12002666.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
71439	Drill Core	1.58	87	0.446	4	N.A.	N.A.
71440	Drill Core	1.48	614	2.161	15	N.A.	N.A.
71441	Drill Core	2.29	104	0.645	5	N.A.	N.A.
71442	Rock Pulp	0.05	<2	0.002	<2	N.A.	N.A.
71443	Drill Core	2.32	50	0.183	<2	N.A.	N.A.
71444	Drill Core	0.74	7	0.068	<2	N.A.	N.A.
71445	Drill Core	0.85	<2	0.029	<2	N.A.	N.A.
71446	Drill Core	1.85	20	0.136	<2	N.A.	N.A.
71447	Drill Core	1.90	250	0.399	7	N.A.	N.A.
71448	Drill Core	0.74	116	0.857	7	N.A.	N.A.
71449	Drill Core	1.18	11	0.097	<2	N.A.	N.A.
71450	Drill Core	0.95	6651	1.835	17	N.A.	N.A.
71451	Drill Core	1.15	61	0.251	<2	N.A.	N.A.
71452	Drill Core	1.64	9	0.102	<2	N.A.	N.A.
71453	Drill Core	1.77	13	0.135	<2	N.A.	N.A.
71454	Drill Core	1.66	6	0.032	<2	N.A.	N.A.
71455	Drill Core	1.40	168	0.354	2	N.A.	N.A.
71456	Drill Core	2.62	138	0.366	<2	N.A.	N.A.
71457	Rock Pulp	0.05	4238	1.077	111	N.A.	N.A.
71458	Drill Core	1.76	6	0.056	<2	N.A.	N.A.
71459	Drill Core	2.16	77	1.639	10	N.A.	N.A.
71460	Drill Core	2.02	41	0.276	<2	N.A.	N.A.
71461	Drill Core	0.82	185	1.995	23	N.A.	N.A.
71423	Drill Core	1.16	100	1.143	13	N.A.	N.A.
71424	Drill Core	0.57	582	5.981	88	<0.01	<0.01
71425	Drill Core	0.65	302	5.034	59	<0.01	<0.01
71426	Drill Core	0.70	586	6.112	73	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 31, 2012

QUALITY CONTROL REPORT VAN12002666.2

	Method	WGHT	3B	7TD	7TD	G6	G6
	Analyte	Wgt	Au	Cu	Ag	Pt	Pd
	Unit	kg	ppb	%	gm/t	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.01	0.01
Pulp Duplicates							
71370	Drill Core	1.91	120	1.501	17	N.A.	N.A.
REP 71370	QC		119				
71379	Drill Core	1.71	60	0.502	<2	N.A.	N.A.
REP 71379	QC			0.498	<2		
71407	Rock Pulp	0.05	38	0.879	33	N.A.	N.A.
REP 71407	QC		41				
71434	Drill Core	1.15	7	0.035	<2	N.A.	N.A.
REP 71434	QC			0.034	<2		
71458	Drill Core	1.76	6	0.056	<2	N.A.	N.A.
REP 71458	QC		6				
REP 71461	QC		191				
71425	Drill Core	0.65	302	5.034	59	<0.01	<0.01
REP 71425	QC					<0.01	<0.01
71426	Drill Core	0.70	586	6.112	73	N.A.	N.A.
REP 71426	QC			6.020	74		
Core Reject Duplicates							
71373	Drill Core	2.25	11	0.055	<2	N.A.	N.A.
DUP 71373	QC	NULL	4	0.055	<2	N.A.	N.A.
71427	Drill Core	1.01	437	0.292	<2	N.A.	N.A.
DUP 71427	QC	NULL	251	0.278	<2	N.A.	N.A.
71461	Drill Core	0.82	185	1.995	23	N.A.	N.A.
DUP 71461	QC	NULL	243	2.497	30	N.A.	N.A.
Reference Materials							
STD CDN-ME-9	Standard			0.635	3		
STD CDN-ME-14	Standard			1.204	45		
STD CDN-ME-14	Standard			1.205	49		
STD CDN-ME-9	Standard			0.647	4		
STD CDN-ME-9	Standard			0.649	3		

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 31, 2012

QUALITY CONTROL REPORT VAN12002666.2

		WGHT	3B	7TD	7TD	G6	G6
		Wgt	Au	Cu	Ag	Pt	Pd
		kg	ppb	%	gm/t	gm/t	gm/t
		0.01	2	0.001	2	0.01	0.01
STD CDN-ME-14	Standard			1.260	48		
STD OXC88	Standard		210				
STD OXC88	Standard		207				
STD OXC88	Standard		202				
STD OXC88	Standard		200				
STD OXG99	Standard		980				
STD OXG99	Standard		938				
STD OXG99	Standard		961				
STD PD1	Standard					0.46	0.57
STD CDN-ME-9 Expected				0.654			
STD CDN-ME-14 Expected				1.221	45		
STD OXG99 Expected			932				
STD OXC88 Expected			203				
STD PD1 Expected						0.456	0.563
BLK	Blank			<0.001	<2		
BLK	Blank			<0.001	<2		
BLK	Blank		3				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank		<2				
BLK	Blank			<0.001	<2		
BLK	Blank		3				
BLK	Blank		2				
BLK	Blank		2				
BLK	Blank					<0.01	<0.01
Prep Wash							
G1	Prep Blank	NULL	<2	<0.001	<2	N.A.	N.A.
G1	Prep Blank	NULL	2	<0.001	<2	N.A.	N.A.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: August 31, 2012
Report Date: September 14, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN12002666M.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core and UG B
P.O. Number	
Number of Samples:	2

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	2	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	2	Analysis sample split/packet			VAN
Split -150	2	Analysis sample split/packet			VAN
G602	2	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

CERTIFICATE OF ANALYSIS VAN12002666M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.005	<0.005	10.20	<0.01
71392	Drill Core	1.169	0.105	15.78	1.33
71450	Drill Core	2.595	0.504	13.14	3.38

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

QUALITY CONTROL REPORT VAN12002666M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
Reference Materials					
STD OXP91	Standard		0.450	30.01	
STD OXP91	Standard		0.454	30.00	
BLK	Blank		<0.005	30.00	
BLK	Blank		<0.005	30.00	
Prep Wash					
G1	Prep Blank	<0.005	<0.005	10.20	<0.01

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 22, 2012
Report Date:	July 09, 2012
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN12002863.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 coarse rej & UG
P.O. Number	
Number of Samples:	142

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	131	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	142	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	142	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 09, 2012

CERTIFICATE OF ANALYSIS VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69723	Rock	6.38	23	0.312	6
69724	Rock	5.71	33	0.986	12
69725	Rock	4.39	843	7.215	86
69726	Rock	6.08	58	1.218	16
69727	Rock	6.20	227	3.641	42
69728	Rock	8.64	638	9.618	119
69729	Rock	8.69	186	2.383	25
69730	Rock	8.61	232	7.367	86
69731	Rock	6.13	36	0.449	6
69732	Rock	8.00	63	0.775	9
69733	Rock	3.65	9	0.136	<2
69734	Rock	8.25	48	1.502	17
69735	Rock	4.91	312	4.855	60
69736	Rock Pulp	0.09	<2	0.004	<2
69737	Rock	3.13	54	0.590	8
69738	Rock	3.84	19	0.375	5
69739	Rock	4.88	12	0.172	<2
69740	Rock	5.27	64	0.334	3
69741	Rock	9.79	66	1.326	16
69742	Rock	5.54	332	5.818	73
69744	Rock	6.88	54	0.896	12
69745	Rock	6.40	51	0.891	10
69746	Rock	7.12	9	0.035	<2
69747	Rock Pulp	0.09	37	0.934	31
69748	Rock	7.36	4	0.049	<2
69751	Rock	4.89	16	0.169	2
69752	Rock	4.58	33	0.349	4
69753	Rock	4.34	<2	0.009	<2
69754	Rock Pulp	0.09	<2	0.002	<2
69755	Rock	5.19	3	0.018	<2

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Project: Bul River Mine
Report Date: July 09, 2012

CERTIFICATE OF ANALYSIS VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69756	Rock	5.84	5	0.020	<2
69757	Rock	4.16	43	0.555	5
69758	Rock	7.28	2	0.008	<2
69759	Rock	4.98	16	0.248	4
69760	Rock	3.49	4	0.021	<2
69761	Rock	4.64	18	0.191	15
69762	Rock Pulp	0.10	212	0.196	13
69763	Rock	3.95	65	0.643	14
69764	Rock	4.22	12	0.102	<2
69765	Rock	3.77	7	0.072	<2
69766	Rock	5.40	30	0.381	3
69767	Rock	7.43	30	0.138	<2
69768	Rock	5.74	112	1.045	8
69769	Rock	6.06	88	1.007	8
69770	Rock	14.08	23	0.299	3
69771	Rock	6.33	18	0.109	<2
69772	Rock	8.58	145	1.485	11
69773	Rock	7.07	164	1.651	12
69774	Rock	8.53	5	0.037	<2
69775	Rock	7.01	4	0.024	<2
69776	Rock	3.19	108	0.410	5
69777	Rock	4.68	119	1.170	17
69778	Rock	5.49	72	1.448	18
69779	Rock	6.60	7	0.078	<2
69780	Rock	3.11	4	0.033	<2
69781	Rock Pulp	0.10	<2	0.002	<2
69782	Rock	4.46	114	0.265	3
69783	Rock	5.76	69	0.582	13
69784	Rock	5.71	60	1.076	15
69785	Rock	8.93	15	0.092	2

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Project: Bul River Mine
Report Date: July 09, 2012

CERTIFICATE OF ANALYSIS VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69786	Rock	6.20	14	0.102	<2
69787	Rock	9.31	88	0.580	7
69788	Rock	9.93	30	0.516	6
69789	Rock	6.01	26	0.298	4
69790	Rock Pulp	0.11	4331	1.105	106
69791	Rock	5.37	9	0.123	<2
69792	Rock	4.90	3	0.032	<2
69793	Rock	3.58	8	0.076	<2
69794	Rock	4.88	79	0.387	6
69795	Rock	7.41	54	0.341	4
69796	Rock	8.21	25	0.263	3
69797	Rock	4.61	40	0.322	4
69798	Rock	4.52	<2	0.020	<2
69799	Rock	7.19	<2	0.021	<2
69800	Rock	5.64	109	1.508	19
69801	Rock	5.25	69	0.849	10
69802	Rock	4.12	19	0.126	3
69803	Rock	4.80	8	0.089	<2
69804	Rock	8.57	4	0.017	<2
69805	Rock	6.38	62	0.516	7
69806	Rock	7.48	47	0.502	6
69807	Rock	6.49	9	0.115	<2
69808	Rock	7.95	7	0.037	<2
69809	Rock	8.88	75	0.960	13
69810	Rock	3.99	28	0.261	3
69811	Rock	5.08	6	0.071	<2
69812	Rock Pulp	0.09	<2	0.002	<2
69813	Rock	6.51	37	0.433	4
69814	Rock	9.36	56	0.583	6
69815	Rock	5.90	8	0.082	3

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Project: Bul River Mine
Report Date: July 09, 2012

CERTIFICATE OF ANALYSIS VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69816	Rock	5.82	27	0.851	10
69817	Rock	6.14	4	0.081	<2
69818	Rock	8.37	7	0.020	<2
69819	Rock Pulp	0.10	178	0.188	12
69820	Rock	7.62	<2	0.071	<2
69821	Rock	5.39	<2	0.004	<2
69822	Rock	4.60	<2	0.006	<2
69823	Rock	5.57	2	0.014	<2
69824	Rock	8.95	5	0.025	<2
69825	Rock	6.53	4	0.062	<2
69826	Rock	4.05	6	0.096	<2
69827	Rock	6.06	146	1.094	7
69828	Rock	6.33	5	0.171	<2
69829	Rock	4.14	4	0.089	<2
69830	Rock	4.41	10	0.072	<2
69831	Rock	6.31	86	0.548	4
69832	Rock Pulp	0.11	2	0.002	<2
69833	Rock	5.90	46	0.322	2
69834	Rock	3.73	7	0.030	<2
69835	Rock	4.55	12	0.048	<2
69836	Rock	3.52	58	0.279	2
69837	Rock	6.32	26	0.331	3
69838	Rock	3.47	911	2.088	17
69839	Rock	3.99	879	2.602	19
69840	Rock	3.98	23	0.054	<2
69841	Rock	6.59	78	0.468	4
69842	Rock Pulp	0.08	434	2.974	95
69843	Rock	3.99	330	1.126	10
69844	Rock	5.01	325	1.877	15
69845	Rock	5.89	646	1.920	15

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Project: Bul River Mine
Report Date: July 09, 2012

CERTIFICATE OF ANALYSIS VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69846	Rock	10.38	473	1.728	12
69847	Rock	8.23	130	0.697	5
69848	Rock	7.18	55	0.413	3
69849	Rock	7.51	428	2.518	18
69850	Rock	5.66	75	0.350	3
69851	Rock	9.49	131	1.435	11
69852	Rock	9.63	109	1.053	8
69853	Rock	9.48	848	7.371	60
69854	Rock	6.00	125	1.150	9
69855	Rock	8.46	47	0.606	4
69856	Rock	6.11	618	6.414	49
69857	Rock	5.08	369	2.784	21
69858	Rock	9.09	917	4.890	37
69859	Rock Pulp	0.09	3	0.003	<2
69860	Rock	9.46	290	1.536	11
69861	Rock	9.17	297	2.808	21
69862	Rock	7.95	395	1.017	12
69863	Rock	13.40	583	2.914	23
69864	Rock	10.85	222	1.674	13
69865	Rock	8.17	1049	4.456	33
69866	Rock	6.57	592	6.447	48
69867	Rock	2.84	235	2.034	15

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

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Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 09, 2012

QUALITY CONTROL REPORT VAN12002863.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
69751	Rock	4.89	16	0.169	2
REP 69751	QC			0.170	3
69755	Rock	5.19	3	0.018	<2
REP 69755	QC		4		
69776	Rock	3.19	108	0.410	5
REP 69776	QC			0.403	5
69789	Rock	6.01	26	0.298	4
REP 69789	QC		25		
69797	Rock	4.61	40	0.322	4
REP 69797	QC		34		
69816	Rock	5.82	27	0.851	10
REP 69816	QC			0.849	10
REP 69850	QC		101		
69858	Rock	9.09	917	4.890	37
REP 69858	QC			4.861	37
69862	Rock	7.95	395	1.017	12
REP 69862	QC		389		
69867	Rock	2.84	235	2.034	15
REP 69867	QC			2.045	15
Core Reject Duplicates					
69742	Rock	5.54	332	5.818	73
DUP 69742	QC		325	5.929	74
69780	Rock	3.11	4	0.033	<2
DUP 69780	QC		4	0.032	<2
69815	Rock	5.90	8	0.082	3
DUP 69815	QC		9	0.084	3
69850	Rock	5.66	75	0.350	3
DUP 69850	QC		56	0.346	3

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 09, 2012

QUALITY CONTROL REPORT VAN12002863.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
Reference Materials					
STD CDN-ME-9	Standard			0.671	4
STD CDN-ME-14	Standard			1.312	43
STD CDN-ME-9	Standard			0.661	4
STD CDN-ME-14	Standard			1.209	45
STD CDN-ME-14	Standard			1.241	44
STD CDN-ME-9	Standard			0.652	4
STD CDN-ME-14	Standard			1.258	44
STD CDN-ME-9	Standard			0.661	4
STD CDN-ME-9	Standard			0.692	4
STD CDN-ME-14	Standard			1.271	45
STD OXC88	Standard		193		
STD OXC88	Standard		216		
STD OXC88	Standard		213		
STD OXC88	Standard		205		
STD OXC88	Standard		212		
STD OXC88	Standard		207		
STD OXC88	Standard		206		
STD OXC88	Standard		197		
STD OXC88	Standard		199		
STD OXG99	Standard		937		
STD OXG99	Standard		1018		
STD OXG99	Standard		964		
STD OXG99	Standard		901		
STD OXG99	Standard		952		
STD OXG99	Standard		943		
STD OXG99	Standard		962		
STD OXG99	Standard		903		
STD OXG99 Expected			932		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 09, 2012

QUALITY CONTROL REPORT VAN12002863.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXC88 Expected			203		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			0.002	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			0.002	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 22, 2012
Report Date:	July 13, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12002864.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 coarse rej & UG
P.O. Number	
Number of Samples:	23

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	23	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	23	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS VAN12002864.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69941	Core Reject	0.63	878	1.815	15
69942	Core Reject	0.51	37	0.075	<2
69943	Core Reject	2.24	50	0.177	<2
69944	Rock Pulp	0.09	4	0.002	<2
69945	Core Reject	1.81	43	0.105	<2
69946	Core Reject	1.46	606	0.127	<2
69947	Core Reject	2.91	6	0.029	<2
69948	Core Reject	0.52	85	0.244	<2
69949	Core Reject	1.62	25	0.045	<2
69950	Core Reject	2.72	70	0.146	<2
71462	Core Reject	2.89	29	0.038	<2
71463	Core Reject	2.67	25	0.157	<2
71464	Core Reject	1.68	44	0.044	<2
71465	Core Reject	1.80	38	0.023	<2
71466	Core Reject	2.04	25	0.192	<2
71467	Rock Pulp	0.09	3	0.002	<2
71468	Core Reject	1.68	25	0.038	<2
71469	Core Reject	1.78	42	0.217	<2
71470	Core Reject	0.21	24	0.019	<2
71471	Core Reject	1.78	110	0.373	3
71472	Core Reject	2.63	278	0.552	4
71473	Core Reject	2.02	6	0.007	<2
71474	Core Reject	1.85	8	0.014	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

QUALITY CONTROL REPORT VAN12002864.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
69948	Core Reject	0.52	85	0.244	<2
REP 69948	QC		91		
71474	Core Reject	1.85	8	0.014	<2
REP 71474	QC			0.014	<2
Reference Materials					
STD CDN-ME-14	Standard			1.309	46
STD CDN-ME-9	Standard			0.676	3
STD OXC88	Standard		204		
STD OXG99	Standard		999		
STD OXC88 Expected			203		
STD OXG99 Expected			932		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	2	<0.001	<2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	June 28, 2012
Report Date:	July 13, 2012
Page:	1 of 4

CERTIFICATE OF ANALYSIS VAN12003009.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG D
P.O. Number	
Number of Samples:	83

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	76	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	83	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	83	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS VAN12003009.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69868	Rock	5.84	34	0.300	2
69869	Rock	6.92	44	0.327	4
69870	Rock Pulp	0.05	37	0.932	33
69871	Rock	3.97	990	5.802	45
69872	Rock	4.86	740	4.263	33
69873	Rock	5.47	46	0.372	4
69874	Rock	6.29	123	1.081	8
69875	Rock	7.54	1836	4.058	30
69876	Rock	6.67	397	3.713	29
69877	Rock	5.95	911	2.017	18
69878	Rock	6.42	954	1.698	15
69879	Rock	5.35	63	0.378	2
69880	Rock	8.81	175	1.992	14
69881	Rock	6.12	7	0.028	<2
69882	Rock Pulp	0.05	<2	0.002	<2
69883	Rock	7.94	7	0.023	<2
69884	Rock	7.03	3	0.017	<2
69885	Rock	8.64	16	0.077	<2
69886	Rock	6.95	85	0.317	2
69887	Rock	4.62	401	1.564	8
69888	Rock	2.92	50	0.104	2
69889	Rock	5.66	35	0.103	2
69890	Rock Pulp	0.05	4693	1.143	108
69891	Rock	3.61	62	0.328	3
69892	Rock	4.04	612	1.468	5
69893	Rock	4.87	60	0.073	<2
69894	Rock	5.25	745	0.573	3
69895	Rock	9.77	32	0.205	<2
69896	Rock	7.87	53	0.232	<2
69897	Rock	5.59	129	0.342	4

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS VAN12003009.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69898	Rock	5.54	239	0.069	<2
69899	Rock	7.24	37	0.163	<2
69900	Rock	6.18	8	0.027	<2
69951	Rock	6.21	418	0.514	5
69952	Rock	6.80	55	0.085	<2
69953	Rock	6.03	7	0.036	<2
69954	Rock	5.15	13	0.066	<2
69955	Rock	9.34	16	0.108	2
69956	Rock	5.97	23	0.173	<2
69957	Rock	5.62	289	1.825	17
69958	Rock	9.69	227	3.393	30
69959	Rock	6.32	28	0.100	3
69960	Rock Pulp	0.05	<2	0.002	<2
69961	Rock	5.34	40	0.275	4
69962	Rock	3.88	40	1.013	11
69963	Rock Pulp	0.05	4411	1.094	105
69964	Rock	5.02	77	1.414	13
69965	Rock	5.73	39	0.504	6
69966	Rock	8.31	290	2.010	29
69967	Rock	5.68	124	2.717	21
69968	Rock	4.20	33	0.974	8
69969	Rock	4.10	54	0.918	8
69970	Rock	4.48	37	0.775	7
69971	Rock	6.28	50	0.627	6
69972	Rock	7.28	10	0.145	<2
69973	Rock	4.05	23	0.139	<2
69974	Rock	3.73	20	0.120	<2
69975	Rock	7.49	181	0.616	5
69976	Rock	2.97	29	0.457	4
69977	Rock	4.04	66	0.346	3

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

CERTIFICATE OF ANALYSIS VAN12003009.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
69978	Rock Pulp	0.05	<2	0.002	<2
69979	Rock	2.51	15	0.108	<2
69980	Rock	4.58	107	2.045	18
69981	Rock	3.96	60	1.208	17
69982	Rock	4.22	68	0.645	5
69983	Rock	5.88	82	0.382	5
69984	Rock	9.70	72	0.085	<2
69985	Rock	7.17	17	0.082	<2
69986	Rock	3.66	12	0.020	<2
69987	Rock	4.23	20	0.098	<2
69988	Rock	4.98	24	0.118	<2
69989	Rock	6.21	15	0.110	<2
69990	Rock	8.02	13	0.039	<2
69991	Rock	4.60	189	0.982	8
69992	Rock	4.12	17	0.089	<2
69993	Rock	5.65	14	0.037	<2
69994	Rock Pulp	0.05	190	0.194	13
69995	Rock	3.96	20	0.067	<2
69996	Rock	4.04	30	0.046	<2
69997	Rock	2.80	<2	0.004	<2
69998	Rock	3.38	3	0.057	<2
69999	Rock	3.51	20	0.106	<2
70000	Rock	4.92	4	0.005	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

QUALITY CONTROL REPORT VAN12003009.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
69870	Rock Pulp	0.05	37	0.932	33
REP 69870	QC		41		
69888	Rock	2.92	50	0.104	2
REP 69888	QC			0.105	<2
69951	Rock	6.21	418	0.514	5
REP 69951	QC			0.507	5
69984	Rock	9.70	72	0.085	<2
REP 69984	QC		78		
69992	Rock	4.12	17	0.089	<2
REP 69992	QC			0.088	<2
Core Reject Duplicates					
69880	Rock	8.81	175	1.992	14
DUP 69880	QC		170	1.939	14
69965	Rock	5.73	39	0.504	6
DUP 69965	QC		43	0.516	8
70000	Rock	4.92	4	0.005	<2
DUP 70000	QC		2	0.006	<2
Reference Materials					
STD CDN-ME-9	Standard			0.659	5
STD CDN-ME-14	Standard			1.270	45
STD CDN-ME-9	Standard			0.663	4
STD CDN-ME-14	Standard			1.313	47
STD CDN-ME-14	Standard			1.265	45
STD CDN-ME-9	Standard			0.665	3
STD OXC88	Standard		206		
STD OXC88	Standard		201		
STD OXC88	Standard		194		
STD OXC88	Standard		196		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

QUALITY CONTROL REPORT VAN12003009.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXC88	Standard		204		
STD OXC88	Standard		205		
STD OXG99	Standard		963		
STD OXG99	Standard		981		
STD OXG99	Standard		959		
STD OXG99	Standard		959		
STD OXG99	Standard		969		
STD OXG99	Standard		922		
STD OXC88 Expected			203		
STD OXG99 Expected			932		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 13, 2012

QUALITY CONTROL REPORT VAN12003009.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: June 28, 2012
Report Date: July 16, 2012
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN12003010.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG D
P.O. Number	
Number of Samples:	161

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	147	Crush, split and pulverize 250 g rock to 200 mesh			VAN
G606	13	Fire Assay fusion Au, Pt, Pd by ICP-ES	30	Completed	VAN
3B01	161	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	161	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 16, 2012

CERTIFICATE OF ANALYSIS VAN12003010.1

Method		WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
Analyte		Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
Unit		kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
MDL		0.01	0.01	0.01	0.01	2	0.001	2	0.9
70503	Rock	5.77	N.A.	N.A.	N.A.	4	0.047	<2	
70504	Rock	6.59	N.A.	N.A.	N.A.	18	0.083	<2	
70505	Rock	4.70	N.A.	N.A.	N.A.	47	0.295	3	
70506	Rock	6.10	N.A.	N.A.	N.A.	10	0.012	<2	
70507	Rock Pulp	0.05	N.A.	N.A.	N.A.	<2	0.002	<2	
70508	Rock	5.34	N.A.	N.A.	N.A.	9	0.047	<2	
70509	Rock	5.19	N.A.	N.A.	N.A.	9	0.011	<2	
70510	Rock	4.36	N.A.	N.A.	N.A.	19	0.016	<2	
70511	Rock	5.28	N.A.	N.A.	N.A.	7	0.018	<2	
70512	Rock	8.24	N.A.	N.A.	N.A.	98	0.885	9	
70513	Rock	3.09	N.A.	N.A.	N.A.	43	0.237	2	
70514	Rock	4.64	N.A.	N.A.	N.A.	8	0.036	<2	
70515	Rock	8.00	N.A.	N.A.	N.A.	24	0.898	7	
70516	Rock Pulp	0.05	N.A.	N.A.	N.A.	183	0.188	12	
71501	Rock	1.66	N.A.	N.A.	N.A.	87	0.253	<2	
71502	Rock	4.79	N.A.	N.A.	N.A.	140	0.468	<2	
71503	Rock	2.02	N.A.	N.A.	N.A.	244	0.534	3	
71504	Rock	8.67	N.A.	N.A.	N.A.	536	0.496	2	
71505	Rock	3.80	N.A.	N.A.	N.A.	123	0.904	6	
71506	Rock	4.66	N.A.	N.A.	N.A.	1484	5.508	35	
71507	Rock	6.55	N.A.	N.A.	N.A.	15	0.130	<2	
71508	Rock	3.93	N.A.	N.A.	N.A.	15	0.127	<2	
71509	Rock	4.37	N.A.	N.A.	N.A.	7	0.125	<2	
71510	Rock	3.07	N.A.	N.A.	N.A.	12	0.014	<2	
71511	Rock	4.17	N.A.	N.A.	N.A.	110	0.236	<2	
71512	Rock Pulp	0.05	N.A.	N.A.	N.A.	<2	0.002	<2	
71513	Rock	7.55	N.A.	N.A.	N.A.	38	0.002	<2	
71514	Rock	4.35	N.A.	N.A.	N.A.	64	0.301	<2	
71515	Rock	5.43	N.A.	N.A.	N.A.	53	0.184	<2	
71516	Rock	7.45	N.A.	N.A.	N.A.	114	0.359	<2	

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 16, 2012

CERTIFICATE OF ANALYSIS VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
71517	Rock	5.02	N.A.	N.A.	N.A.	54	0.339	<2	
71518	Rock	16.60	N.A.	N.A.	N.A.	376	0.846	5	
71519	Rock	6.55	N.A.	N.A.	N.A.	72	0.453	3	
71520	Rock	11.99	N.A.	N.A.	N.A.	45	0.152	<2	
71521	Rock Pulp	0.05	N.A.	N.A.	N.A.	201	0.194	12	
71522	Rock	3.84	N.A.	N.A.	N.A.	331	0.952	5	
71523	Rock	5.72	N.A.	N.A.	N.A.	205	0.283	<2	
71524	Rock	10.76	N.A.	N.A.	N.A.	88	0.126	<2	
71525	Rock	10.87	N.A.	N.A.	N.A.	259	0.398	<2	
71526	Rock	17.37	N.A.	N.A.	N.A.	655	0.366	3	
71527	Rock	8.69	N.A.	N.A.	N.A.	30	0.069	<2	
71528	Rock	11.71	N.A.	N.A.	N.A.	34	0.205	<2	
71529	Rock	6.15	N.A.	N.A.	N.A.	7	0.038	<2	
71530	Rock	2.34	N.A.	N.A.	N.A.	223	0.767	4	
71531	Rock	4.78	N.A.	N.A.	N.A.	158	0.640	5	
71532	Rock	5.04	N.A.	N.A.	N.A.	8	0.052	<2	
71533	Rock	5.34	N.A.	N.A.	N.A.	612	0.112	<2	
71534	Rock	4.72	N.A.	N.A.	N.A.	184	0.043	<2	
71535	Rock	2.69	N.A.	N.A.	N.A.	123	0.095	<2	
71536	Rock	3.53	N.A.	N.A.	N.A.	364	0.342	<2	
71537	Rock	6.02	N.A.	N.A.	N.A.	6	0.025	<2	
71538	Rock Pulp	0.05	N.A.	N.A.	N.A.	440	3.136	98	
71539	Rock	2.55	N.A.	N.A.	N.A.	275	0.080	<2	
71540	Rock	5.90	N.A.	N.A.	N.A.	415	0.539	<2	
71541	Rock	5.01	N.A.	N.A.	N.A.	66	0.193	<2	
71542	Rock	5.82	N.A.	N.A.	N.A.	121	0.305	<2	
71543	Rock	2.79	N.A.	N.A.	N.A.	265	0.843	4	
71544	Rock	3.90	N.A.	N.A.	N.A.	466	2.778	16	
71545	Rock	2.67	N.A.	N.A.	N.A.	3869	1.301	8	
71546	Rock Pulp	0.05	N.A.	N.A.	N.A.	3	0.004	<2	

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Project: Bul River Mine
Report Date: July 16, 2012

CERTIFICATE OF ANALYSIS VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
71547	Rock	2.91	N.A.	N.A.	N.A.	59	0.249	<2	
71548	Rock	4.72	N.A.	N.A.	N.A.	63	0.221	<2	
71549	Rock	2.54	N.A.	N.A.	N.A.	49	0.072	<2	
71550	Rock	6.17	N.A.	N.A.	N.A.	1743	1.300	7	
71551	Rock	5.03	N.A.	N.A.	N.A.	534	2.083	13	
71552	Rock	4.85	N.A.	N.A.	N.A.	52	0.382	<2	
71553	Rock	5.21	N.A.	N.A.	N.A.	105	0.183	<2	
71554	Rock	7.46	N.A.	N.A.	N.A.	180	0.290	<2	
71555	Rock	8.77	N.A.	N.A.	N.A.	122	0.953	9	
71556	Rock	3.71	N.A.	N.A.	N.A.	100	0.276	<2	
71557	Rock	3.10	N.A.	N.A.	N.A.	19	0.097	<2	
71558	Rock	4.16	N.A.	N.A.	N.A.	91	0.386	<2	
71559	Rock	3.39	N.A.	N.A.	N.A.	238	1.124	6	
71560	Rock	2.41	N.A.	N.A.	N.A.	336	0.291	4	
71561	Rock Pulp	0.05	N.A.	N.A.	N.A.	3	0.004	<2	
71562	Rock	4.04	N.A.	N.A.	N.A.	224	0.665	3	
71563	Rock	6.71	N.A.	N.A.	N.A.	256	0.358	3	
71564	Rock	4.41	N.A.	N.A.	N.A.	520	1.340	11	
71565	Rock	1.96	N.A.	N.A.	N.A.	222	0.506	3	
71566	Rock	4.35	N.A.	N.A.	N.A.	526	0.356	3	
71567	Rock Pulp	0.05	N.A.	N.A.	N.A.	44	0.943	35	
71568	Rock	2.86	N.A.	N.A.	N.A.	107	0.033	<2	
71569	Rock	4.65	N.A.	N.A.	N.A.	224	0.073	<2	
71570	Rock	2.59	N.A.	N.A.	N.A.	97	0.519	3	
71571	Rock	3.29	N.A.	N.A.	N.A.	453	0.671	4	
71572	Rock	2.89	N.A.	N.A.	N.A.	313	1.512	11	
71573	Rock	4.24	N.A.	N.A.	N.A.	684	1.208	8	
71574	Rock	5.51	N.A.	N.A.	N.A.	87	0.064	<2	
71575	Rock	6.50	N.A.	N.A.	N.A.	37	0.075	<2	
71576	Rock	7.92	N.A.	N.A.	N.A.	215	0.553	3	

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CERTIFICATE OF ANALYSIS VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
71577	Rock	7.23	N.A.	N.A.	N.A.	359	1.482	10	
71578	Rock	5.97	N.A.	N.A.	N.A.	22	0.117	<2	
71579	Rock	4.67	N.A.	N.A.	N.A.	30	0.033	<2	
71580	Rock	6.61	N.A.	N.A.	N.A.	314	0.548	3	
71581	Rock	3.73	N.A.	N.A.	N.A.	267	0.904	7	
71582	Rock	3.71	N.A.	N.A.	N.A.	204	0.565	3	
71583	Rock	6.95	N.A.	N.A.	N.A.	308	0.971	6	
71584	Rock	3.31	N.A.	N.A.	N.A.	97	0.322	<2	
71585	Rock	5.93	N.A.	N.A.	N.A.	73	1.516	9	
71586	Rock Pulp	0.05	N.A.	N.A.	N.A.	<2	0.005	<2	
71587	Rock	3.65	N.A.	N.A.	N.A.	78	0.465	<2	
71588	Rock	4.22	N.A.	N.A.	N.A.	450	0.909	5	
71589	Rock	4.28	N.A.	N.A.	N.A.	1242	0.835	3	
71590	Rock	2.42	N.A.	N.A.	N.A.	327	0.520	11	
71591	Rock	3.45	N.A.	N.A.	N.A.	122	0.473	4	
71592	Rock	2.44	N.A.	N.A.	N.A.	62	0.157	<2	
71593	Rock Pulp	0.05	N.A.	N.A.	N.A.	4516	1.083	106	
71594	Rock	2.14	N.A.	N.A.	N.A.	56	0.135	<2	
71595	Rock	1.47	N.A.	N.A.	N.A.	366	1.269	7	
71596	Rock	4.73	N.A.	N.A.	N.A.	8	0.014	<2	
71597	Rock	3.53	N.A.	N.A.	N.A.	12	0.062	<2	
71598	Rock	3.81	N.A.	N.A.	N.A.	19	0.067	<2	
71599	Rock	9.85	N.A.	N.A.	N.A.	81	0.621	4	
71600	Rock	3.50	N.A.	N.A.	N.A.	240	0.609	5	
71601	Rock	2.49	N.A.	N.A.	N.A.	116	0.236	2	
71602	Rock	4.24	N.A.	N.A.	N.A.	7443	0.123	6	
71603	Rock	1.97	N.A.	N.A.	N.A.	1551	0.699	6	
71604	Rock	7.85	N.A.	N.A.	N.A.	99	0.332	2	
71605	Rock	7.24	N.A.	N.A.	N.A.	162	0.526	4	
71606	Rock	6.35	N.A.	N.A.	N.A.	660	5.358	36	

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CERTIFICATE OF ANALYSIS VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
71607	Rock	6.99	N.A.	N.A.	N.A.	312	3.176	22	
71608	Rock	7.26	N.A.	N.A.	N.A.	87	0.465	4	
71609	Rock	8.49	N.A.	N.A.	N.A.	73	0.273	2	
71610	Rock Pulp	0.05	N.A.	N.A.	N.A.	415	3.053	99	
71611	Rock	9.87	N.A.	N.A.	N.A.	118	0.295	2	
71612	Rock	5.14	N.A.	N.A.	N.A.	550	0.600	5	
71613	Rock	3.45	N.A.	N.A.	N.A.	730	1.141	11	
71614	Rock	5.39	N.A.	N.A.	N.A.	214	0.795	7	
71615	Rock	3.48	N.A.	N.A.	N.A.	196	0.651	5	
71616	Rock	3.25	N.A.	N.A.	N.A.	38	0.681	4	
71617	Rock	6.36	N.A.	N.A.	N.A.	85	0.411	3	
71618	Rock	8.90	N.A.	N.A.	N.A.	174	0.594	4	
71619	Rock	6.32	N.A.	N.A.	N.A.	246	0.771	5	
71620	Rock	7.78	N.A.	N.A.	N.A.	329	1.001	7	
71621	Rock	5.38	N.A.	N.A.	N.A.	133	0.756	5	
71622	Rock	6.34	N.A.	N.A.	N.A.	173	0.783	5	
71623	Rock Pulp	0.05	N.A.	N.A.	N.A.	3	0.002	<2	
71624	Rock	3.41	N.A.	N.A.	N.A.	407	0.491	3	
71625	Rock	4.92	N.A.	N.A.	N.A.	318	0.386	5	
71626	Rock	3.31	N.A.	N.A.	N.A.	301	0.818	5	
71627	Rock	3.68	N.A.	N.A.	N.A.	7770	1.914	15	
71628	Rock	6.50	N.A.	N.A.	N.A.	510	0.524	5	
71629	Rock	4.49	N.A.	N.A.	N.A.	322	0.583	3	
71630	Rock	8.13	N.A.	N.A.	N.A.	78	0.263	3	
71631	Rock	6.51	N.A.	N.A.	N.A.	>10000	0.143	2	16.3
71632	Rock	6.43	N.A.	N.A.	N.A.	2106	1.167	5	
71633	Rock Pulp	0.05	N.A.	N.A.	N.A.	23	0.001	<2	
71634	Rock	6.20	0.02	<0.01	<0.01	142	0.066	<2	
71635	Rock	9.41	0.03	<0.01	<0.01	89	0.043	<2	
71636	Rock	8.09	0.02	<0.01	<0.01	23	0.062	<2	

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CERTIFICATE OF ANALYSIS VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
71637	Rock	8.39	0.78	<0.01	0.02	1018	2.521	10	
71638	Rock	7.20	0.25	<0.01	<0.01	336	0.173	<2	
71639	Rock	7.59	0.20	<0.01	<0.01	235	0.585	2	
71640	Rock Pulp	0.05	N.A.	N.A.	N.A.	39	0.930	33	
71641	Rock	5.56	0.23	<0.01	<0.01	271	0.277	<2	
71642	Rock	3.00	1.01	<0.01	0.01	369	0.354	<2	
71643	Rock	5.84	0.07	<0.01	<0.01	77	0.164	<2	
71644	Rock	9.22	0.14	<0.01	<0.01	155	0.295	<2	
71645	Rock	8.91	0.08	<0.01	<0.01	75	0.141	<2	
71646	Rock	12.44	0.31	<0.01	<0.01	402	0.272	<2	
71647	Rock	8.46	0.09	<0.01	<0.01	100	0.333	<2	

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Client: **Bul River Mineral Corporation**
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Project: Bul River Mine
Report Date: July 16, 2012

QUALITY CONTROL REPORT VAN12003010.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2	0.9
Pulp Duplicates									
REP G1	QC		<0.01	<0.01	<0.01				
70510	Rock	4.36	N.A.	N.A.	N.A.	19	0.016	<2	
REP 70510	QC					19			
71501	Rock	1.66	N.A.	N.A.	N.A.	87	0.253	<2	
REP 71501	QC						0.243	<2	
71528	Rock	11.71	N.A.	N.A.	N.A.	34	0.205	<2	
REP 71528	QC					42			
71549	Rock	2.54	N.A.	N.A.	N.A.	49	0.072	<2	
REP 71549	QC						0.071	<2	
71562	Rock	4.04	N.A.	N.A.	N.A.	224	0.665	3	
REP 71562	QC					249			
71578	Rock	5.97	N.A.	N.A.	N.A.	22	0.117	<2	
REP 71578	QC					28			
71584	Rock	3.31	N.A.	N.A.	N.A.	97	0.322	<2	
REP 71584	QC						0.319	3	
71593	Rock Pulp	0.05	N.A.	N.A.	N.A.	4516	1.083	106	
REP 71593	QC					4451			
71610	Rock Pulp	0.05	N.A.	N.A.	N.A.	415	3.053	99	
REP 71610	QC						3.074	99	
71647	Rock	8.46	0.09	<0.01	<0.01	100	0.333	<2	
REP 71647	QC						0.346	<2	
Core Reject Duplicates									
71517	Rock	5.02	N.A.	N.A.	N.A.	54	0.339	<2	
DUP 71517	QC		N.A.	N.A.	N.A.	64	0.323	<2	
71552	Rock	4.85	N.A.	N.A.	N.A.	52	0.382	<2	
DUP 71552	QC		N.A.	N.A.	N.A.	100	0.373	<2	
71587	Rock	3.65	N.A.	N.A.	N.A.	78	0.465	<2	
DUP 71587	QC		N.A.	N.A.	N.A.	69	0.456	<2	

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QUALITY CONTROL REPORT VAN12003010.1

		WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
		Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
		kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
		0.01	0.01	0.01	0.01	2	0.001	2	0.9
71622	Rock	6.34	N.A.	N.A.	N.A.	173	0.783	5	
DUP 71622	QC		N.A.	N.A.	N.A.	165	0.824	5	
Reference Materials									
STD AGPROOF	Standard								<0.9
STD AGPROOF	Standard								<0.9
STD CDN-ME-14	Standard						1.258	44	
STD CDN-ME-9	Standard						0.680	4	
STD CDN-ME-9	Standard						0.674	3	
STD CDN-ME-14	Standard						1.237	43	
STD CDN-ME-9	Standard						0.657	3	
STD CDN-ME-14	Standard						1.296	45	
STD CDN-ME-9	Standard						0.644	4	
STD CDN-ME-14	Standard						1.200	44	
STD CDN-ME-14	Standard						1.242	44	
STD CDN-ME-9	Standard						0.663	3	
STD CDN-PGMS-19	Standard		0.22	0.13	0.47				
STD OXC88	Standard					201			
STD OXC88	Standard					204			
STD OXC88	Standard					211			
STD OXC88	Standard					204			
STD OXC88	Standard					211			
STD OXC88	Standard					208			
STD OXC88	Standard					199			
STD OXC88	Standard					198			
STD OXC88	Standard					189			
STD OXG99	Standard					981			
STD OXG99	Standard					999			
STD OXG99	Standard					952			
STD OXG99	Standard					969			

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 16, 2012

QUALITY CONTROL REPORT VAN12003010.1

		WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
		Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
		kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
		0.01	0.01	0.01	0.01	2	0.001	2	0.9
STD OXG99	Standard					967			
STD OXG99	Standard					959			
STD OXG99	Standard					922			
STD OXG99	Standard					908			
STD PD1	Standard		0.54	0.47	0.56				
STD SP49	Standard								18.1
STD SP49	Standard								17.8
STD PD1 Expected			0.542	0.456	0.563				
STD CDN-PGMS-19			0.23	0.108	0.476				
STD CDN-ME-14 Expected							1.221	45	
STD CDN-ME-9 Expected							0.654		
STD SP49 Expected									18.34
STD AGPROOF Expected									0
STD OXC88 Expected						203			
STD OXG99 Expected						932			
BLK	Blank						<0.001	<2	
BLK	Blank					4			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank		<0.01	<0.01	<0.01				
BLK	Blank		<0.01	<0.01	<0.01				
BLK	Blank						<0.001	<2	

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 16, 2012

QUALITY CONTROL REPORT VAN12003010.1

		WGHT	G6	G6	G6	3B	7TD	7TD	G6Gr
		Wgt	Au	Pt	Pd	Au	Cu	Ag	Au
		kg	gm/t	gm/t	gm/t	ppb	%	gm/t	gm/t
		0.01	0.01	0.01	0.01	2	0.001	2	0.9
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank					<2			
BLK	Blank						<0.001	<2	
BLK	Blank						<0.001	<2	
BLK	Blank					<2			
BLK	Blank						<0.001	<2	
BLK	Blank								<0.9
BLK	Blank								<0.9
BLK	Blank								<0.9
BLK	Blank								<0.9
BLK	Blank					<2			
Prep Wash									
G1	Prep Blank	<0.01	<0.01	<0.01	<0.01	<2	<0.001	<2	
G1	Prep Blank	<0.01				<2	<0.001	<2	
G1	Prep Blank		<0.01	<0.01	<0.01				

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 31, 2012
Report Date:	September 14, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003010M.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG D
P.O. Number	
Number of Samples:	7

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	7	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	7	Analysis sample split/packet			VAN
Split -150	7	Analysis sample split/packet			VAN
G602	7	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

CERTIFICATE OF ANALYSIS VAN12003010M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.005	<0.005	19.25	<0.01
71545	Rock	3.924	0.050	15.06	3.91
71550	Rock	1.637	0.483	21.86	2.44
71602	Rock	7.515	0.643	33.22	8.20
71603	Rock	0.449	0.099	36.64	0.59
71627	Rock	8.101	0.415	28.13	8.41
71631	Rock	3.266	1.903	24.59	6.22
71632	Rock	1.808	0.069	16.66	1.86

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 14, 2012

QUALITY CONTROL REPORT VAN12003010M.1

	Method	G6	G6.ME	G6.ME	G6.ME
	Analyte	-Au	+Au	+Wt	TotAu
	Unit	gm/t	mg	g	gm/t
	MDL	0.005	0.005	0.01	0.01
Reference Materials					
STD OXP91	Standard		0.450	30.01	
STD OXP91	Standard		0.454	30.00	
BLK	Blank		<0.005	30.00	
BLK	Blank		<0.005	30.00	
Prep Wash					
G1	Prep Blank	<0.005	<0.005	19.25	<0.01

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 03, 2012
Report Date:	July 23, 2012
Page:	1 of 5

CERTIFICATE OF ANALYSIS VAN12003059.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG 3
P.O. Number	
Number of Samples:	113

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	105	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	113	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	113	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003059.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70517	Rock	4.83	11	0.133	2
70518	Rock	4.49	7	0.066	<2
70519	Rock	3.97	9	0.009	<2
70520	Rock	6.50	20	0.205	2
70521	Rock	5.16	19	0.168	2
70522	Rock	4.58	34	0.511	6
70523	Rock	6.53	4	0.104	<2
70524	Rock	5.67	21	0.349	3
70525	Rock	4.99	17	0.298	3
70526	Rock	5.87	26	0.117	<2
70527	Rock	6.44	94	0.722	7
70528	Rock	5.01	14	0.154	<2
70529	Rock	4.67	16	0.635	5
70530	Rock	4.95	18	0.575	5
70531	Rock	5.37	4	0.025	<2
70532	Rock	5.17	210	0.509	2
70533	Rock	4.77	651	3.265	16
70534	Rock	4.48	173	0.401	3
70535	Rock	6.90	1810	10.91	48
70536	Rock	6.25	9	0.079	<2
70537	Rock	3.41	185	1.557	6
70538	Rock	5.39	247	1.524	6
70539	Rock Pulp	0.05	<2	0.002	<2
70540	Rock	6.58	526	1.098	5
70541	Rock	6.35	67	0.822	4
70542	Rock	5.59	162	1.062	4
70543	Rock	3.88	18	0.321	<2
70544	Rock	5.21	116	0.481	<2
70545	Rock Pulp	0.05	376	3.184	98
70546	Rock	6.66	73	0.372	<2

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003059.1

Method		WGHT	3B	7TD	7TD
Analyte		Wgt	Au	Cu	Ag
Unit		kg	ppb	%	gm/t
MDL		0.01	2	0.001	2
70547	Rock	8.70	787	2.936	13
70548	Rock	5.30	174	2.635	12
70549	Rock	8.21	185	3.162	13
70550	Rock	5.34	188	1.171	7
70551	Rock	4.05	145	0.586	2
70552	Rock	6.40	244	0.503	<2
70553	Rock	3.98	25	0.072	<2
70554	Rock	3.42	17	0.032	<2
70555	Rock	4.16	215	0.736	4
70556	Rock	6.40	74	0.481	3
70557	Rock	3.79	84	0.619	4
70558	Rock	2.63	425	1.236	12
70559	Rock	4.06	323	1.637	16
70560	Rock	4.31	1466	1.395	12
70561	Rock	3.42	335	0.806	8
70562	Rock Pulp	0.05	3	0.002	<2
70563	Rock	5.42	440	1.393	11
70564	Rock	2.86	354	1.682	16
70565	Rock	4.88	353	1.375	11
70566	Rock	3.32	79	0.693	6
70567	Rock Pulp	0.05	37	0.955	34
70568	Rock	5.29	30	0.301	<2
70569	Rock	5.60	101	0.629	4
70570	Rock	5.78	53	0.650	6
70571	Rock	7.00	271	0.929	9
70572	Rock	7.36	358	1.155	11
70573	Rock	6.27	81	0.168	<2
70574	Rock	6.30	98	0.401	<2
70575	Rock	6.71	166	0.808	5
70576	Rock	3.88	74	0.280	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003059.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70577	Rock	4.11	154	0.306	<2
70578	Rock	6.38	77	0.110	<2
70579	Rock	7.08	264	0.058	<2
70580	Rock Pulp	0.05	2	0.001	<2
70581	Rock	6.27	117	0.305	<2
70582	Rock	5.47	41	0.163	<2
70583	Rock	2.97	687	1.434	12
70584	Rock	3.80	258	1.025	9
70585	Rock	4.77	270	1.145	7
70586	Rock	5.02	219	0.777	6
70587	Rock	5.35	833	0.495	3
70588	Rock	3.80	116	0.526	4
70589	Rock	8.17	929	1.925	19
70590	Rock	6.35	416	0.622	4
70591	Rock	3.74	489	2.037	15
70592	Rock Pulp	0.05	4666	1.057	101
70593	Rock	5.73	747	1.491	10
70594	Rock	4.03	148	0.184	<2
70595	Rock	4.34	169	0.887	7
70596	Rock	2.92	179	0.560	3
70597	Rock	3.25	261	0.895	5
70598	Rock	6.02	768	0.400	<2
70599	Rock	5.82	296	0.738	3
70600	Rock	3.83	197	0.476	2
70601	Rock	3.69	173	0.201	<2
70602	Rock	5.42	88	0.520	4
70603	Rock	3.53	294	1.026	9
70604	Rock	8.20	205	1.027	5
70605	Rock	6.13	78	0.142	<2
70606	Rock	4.21	25	0.071	<2

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003059.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70607	Rock	5.21	128	1.156	8
70608	Rock	3.32	79	0.146	<2
70609	Rock Pulp	0.05	8	0.002	<2
70610	Rock	5.04	37	0.100	<2
70611	Rock	6.69	78	0.037	<2
70612	Rock	5.68	107	0.105	<2
70613	Rock	9.12	53	0.068	<2
70614	Rock	4.45	73	0.021	<2
70615	Rock	5.06	80	0.163	<2
70616	Rock	5.90	89	0.089	<2
70617	Rock	3.95	251	0.114	<2
70618	Rock	4.82	391	0.097	<2
70619	Rock	5.23	112	1.245	10
70620	Rock	3.56	364	0.331	3
70621	Rock Pulp	0.05	206	0.188	13
70622	Rock	4.45	23	0.084	<2
70623	Rock	7.57	986	0.625	6
70624	Rock	3.01	547	0.465	3
70625	Rock	3.46	2442	1.522	25
70626	Rock	3.68	194	0.058	<2
70627	Rock	5.30	50	0.157	<2
70628	Rock	5.13	102	0.618	4
70629	Rock	4.27	244	0.413	3

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003059.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
70524	Rock	5.67	21	0.349	3
REP 70524	QC			0.347	3
70559	Rock	4.06	323	1.637	16
REP 70559	QC			1.660	16
70578	Rock	6.38	77	0.110	<2
REP 70578	QC		54		
70594	Rock	4.03	148	0.184	<2
REP 70594	QC			0.201	<2
70612	Rock	5.68	107	0.105	<2
REP 70612	QC		131		
70629	Rock	4.27	244	0.413	3
REP 70629	QC			0.428	4
Core Reject Duplicates					
70531	Rock	5.37	4	0.025	<2
DUP 70531	QC		4	0.024	<2
70566	Rock	3.32	79	0.693	6
DUP 70566	QC		77	0.696	5
70601	Rock	3.69	173	0.201	<2
DUP 70601	QC		82	0.204	<2
Reference Materials					
STD CDN-ME-9	Standard			0.665	3
STD CDN-ME-14	Standard			1.256	44
STD CDN-ME-9	Standard			0.673	5
STD CDN-ME-14	Standard			1.317	42
STD CDN-ME-14	Standard			1.313	45
STD CDN-ME-9	Standard			0.681	3
STD CDN-ME-9	Standard			0.665	3
STD CDN-ME-14	Standard			1.195	44

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003059.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXC88	Standard		189		
STD OXC88	Standard		218		
STD OXC88	Standard		190		
STD OXC88	Standard		191		
STD OXC88	Standard		215		
STD OXD87	Standard		396		
STD OXG99	Standard		908		
STD OXG99	Standard		1086		
STD OXG99	Standard		894		
STD OXG99	Standard		923		
STD OXG99	Standard		904		
STD OXG99	Standard		999		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD OXC88 Expected			203		
BLK	Blank			0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		20		
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		8		
BLK	Blank		8		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003059.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank		7		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	0.001	<2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 03, 2012
Report Date:	July 23, 2012
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN12003060.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG E
P.O. Number	
Number of Samples:	123

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	113	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	123	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	123	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71648	Rock	4.64	213	0.609	3
71649	Rock	3.58	194	1.694	9
71650	Rock	3.13	433	2.124	13
71651	Rock	5.22	231	0.459	2
71652	Rock	4.57	43	0.046	<2
71653	Rock	8.40	134	0.224	<2
71654	Rock	7.06	223	1.012	4
71655	Rock	3.95	338	1.160	5
71656	Rock	3.94	180	0.938	4
71657	Rock	8.08	221	0.892	4
71658	Rock Pulp	0.05	<2	0.002	<2
71659	Rock	10.89	84	0.372	<2
71660	Rock	7.61	131	0.790	5
71661	Rock	6.98	375	1.806	12
71662	Rock	6.99	215	0.821	6
71663	Rock	4.34	95	0.285	2
71664	Rock Pulp	0.05	4773	0.961	96
71665	Rock	5.59	74	0.392	3
71666	Rock	4.91	154	0.269	<2
71667	Rock	5.25	423	3.563	23
71668	Rock	5.97	96	0.380	3
71669	Rock	4.16	21	0.134	<2
71670	Rock	7.82	63	0.583	4
71671	Rock	8.98	215	1.519	8
71672	Rock	4.87	283	1.572	9
71673	Rock	4.97	182	1.355	8
71674	Rock	7.14	284	1.194	6
71675	Rock	7.87	58	0.197	<2
71676	Rock	3.37	188	0.446	2
71677	Rock	7.16	146	1.129	6

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71678	Rock	6.18	210	2.329	13
71679	Rock	7.25	281	2.494	13
71681	Rock Pulp	0.05	<2	0.002	<2
71692	Rock	10.05	40	0.207	4
71693	Rock Pulp	0.05	168	0.201	14
71694	Rock	5.79	104	1.517	12
71695	Rock	5.81	737	2.338	19
71696	Rock	5.52	1518	1.256	11
71697	Rock	5.04	182	0.622	4
71698	Rock	3.67	457	1.641	12
71699	Rock	4.38	503	1.718	13
71700	Rock	3.02	2501	0.722	7
71701	Rock	3.91	986	0.733	5
71702	Rock	6.97	76	0.302	<2
71703	Rock	5.97	470	0.626	5
71704	Rock Pulp	0.05	<2	0.002	<2
71705	Rock	7.81	731	3.464	23
71706	Rock	4.25	318	1.247	9
71707	Rock	2.77	191	0.499	4
71708	Rock	4.26	841	1.445	10
71709	Rock	4.88	95	0.492	3
71710	Rock	5.47	181	0.860	6
71711	Rock	3.42	554	1.286	9
71712	Rock	3.35	29	0.107	<2
71713	Rock	4.39	14	0.102	3
71714	Rock	4.12	37	0.101	<2
71715	Rock	2.46	40	0.212	<2
71716	Rock Pulp	0.05	4348	1.099	105
71717	Rock	3.09	6	0.124	<2
71718	Rock	2.73	7	0.168	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71719	Rock	2.80	15	0.133	<2
71720	Rock	3.37	6	0.114	<2
71721	Rock	4.14	17	0.162	<2
71722	Rock	1.82	87	0.176	<2
71723	Rock	4.49	16	0.172	<2
71724	Rock	4.35	25	0.098	<2
71725	Rock	5.31	50	0.237	<2
71726	Rock	4.29	253	0.089	<2
71727	Rock	6.91	68	0.111	<2
71728	Rock	4.62	18	0.073	<2
71729	Rock	4.48	2	0.072	<2
71730	Rock	5.31	7	0.124	<2
71731	Rock	7.14	5	0.049	<2
71732	Rock	4.30	5	0.088	<2
71733	Rock	6.03	56	0.056	<2
71734	Rock	3.21	415	0.109	<2
71735	Rock	3.65	16	0.063	<2
71736	Rock	2.58	80	0.577	4
71737	Rock Pulp	0.05	364	2.964	89
71738	Rock	3.33	1219	0.985	8
71739	Rock	4.17	2221	0.952	8
71740	Rock	2.59	157	0.467	3
71741	Rock	3.57	29	0.162	<2
71742	Rock	3.16	66	0.421	2
71743	Rock	2.99	54	0.230	<2
71744	Rock	2.48	164	0.338	3
71745	Rock	3.96	652	0.882	5
71746	Rock	5.44	160	0.252	3
71747	Rock	4.77	61	0.389	2
71748	Rock Pulp	0.05	<2	0.002	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71749	Rock	4.62	1824	1.016	7
71750	Rock	5.36	414	0.400	3
71751	Rock	6.41	81	0.179	<2
71752	Rock	7.97	103	0.330	2
71753	Rock	3.41	173	1.333	8
71754	Rock	5.96	740	0.840	6
71755	Rock	3.40	154	1.138	8
71756	Rock	4.64	1714	3.988	24
71757	Rock Pulp	0.05	<2	0.002	<2
71758	Rock	7.79	530	3.576	21
71759	Rock	2.89	79	0.127	<2
71760	Rock	5.48	142	0.631	5
71761	Rock	4.41	537	0.449	4
71762	Rock	2.83	25	0.394	3
71763	Rock	3.97	79	0.421	3
71764	Rock	3.65	1425	3.013	19
71765	Rock	2.71	806	2.032	14
71766	Rock	4.25	73	0.305	3
71767	Rock	2.04	39	0.392	3
71768	Rock	3.82	888	2.929	19
71769	Rock	4.14	1784	1.158	10
71770	Rock Pulp	0.05	190	0.195	16
71771	Rock	4.47	107	0.417	3
71772	Rock	5.45	118	0.481	2
71773	Rock	4.97	118	1.022	7
71774	Rock	4.46	61	0.300	3
71775	Rock	2.75	119	0.741	5
71776	Rock	2.57	163	1.439	11
71777	Rock	2.80	231	1.678	11
71778	Rock	5.31	2582	0.793	6

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Project: Bul River Mine
Report Date: July 23, 2012

CERTIFICATE OF ANALYSIS VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71779	Rock	4.03	117	0.295	<2
71780	Rock	5.87	135	0.321	<2
71781	Rock	3.08	1847	1.637	10

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Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003060.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
71662	Rock	6.99	215	0.821	6
REP 71662	QC			0.831	7
71694	Rock	5.79	104	1.517	12
REP 71694	QC		88		
71698	Rock	3.67	457	1.641	12
REP 71698	QC			1.646	13
71728	Rock	4.62	18	0.073	<2
REP 71728	QC		22		
71733	Rock	6.03	56	0.056	<2
REP 71733	QC			0.057	<2
71752	Rock	7.97	103	0.330	2
REP 71752	QC		88		
71762	Rock	2.83	25	0.394	3
REP 71762	QC		34		
Core Reject Duplicates					
71672	Rock	4.87	283	1.572	9
DUP 71672	QC		249	1.540	9
71707	Rock	2.77	191	0.499	4
DUP 71707	QC		189	0.501	3
71742	Rock	3.16	66	0.421	2
DUP 71742	QC		68	0.428	3
71777	Rock	2.80	231	1.678	11
DUP 71777	QC		221	1.798	11
Reference Materials					
STD CDN-ME-9	Standard			0.674	4
STD CDN-ME-14	Standard			1.192	41
STD CDN-ME-9	Standard			0.671	3
STD CDN-ME-14	Standard			1.190	44

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003060.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-9	Standard			0.674	2
STD CDN-ME-14	Standard			1.263	45
STD CDN-ME-9	Standard			0.628	2
STD CDN-ME-14	Standard			1.140	40
STD CDN-ME-9	Standard			0.648	4
STD CDN-ME-14	Standard			1.211	46
STD OXC88	Standard		190		
STD OXC88	Standard		192		
STD OXC88	Standard		191		
STD OXC88	Standard		188		
STD OXC88	Standard		198		
STD OXC88	Standard		191		
STD OXC88	Standard		194		
STD OXC88	Standard		201		
STD OXC88	Standard		215		
STD OXD87	Standard		396		
STD OXG99	Standard		877		
STD OXG99	Standard		870		
STD OXG99	Standard		926		
STD OXG99	Standard		927		
STD OXG99	Standard		875		
STD OXG99	Standard		923		
STD OXG99	Standard		904		
STD OXG99	Standard		901		
STD OXG99	Standard		999		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXD87 Expected			417		
STD OXG99 Expected			932		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 23, 2012

QUALITY CONTROL REPORT VAN12003060.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXC88 Expected			203		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		4		
BLK	Blank		8		
BLK	Blank		8		
BLK	Blank		7		
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank		9		
BLK	Blank		7		
BLK	Blank		<2		
BLK	Blank		7		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 03, 2012
Report Date:	July 22, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003061.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG E Pt & Pd
P.O. Number	
Number of Samples:	11

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	11	Crush, split and pulverize 250 g rock to 200 mesh			VAN
G606	11	Fire Assay fusion Au, Pt, Pd by ICP-ES	30	Completed	VAN
3B01	11	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	11	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Project: Bul River Mine
Report Date: July 22, 2012

CERTIFICATE OF ANALYSIS VAN12003061.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2
71680	Drill Core	8.33	0.03	0.01	<0.01	19	0.066	<2
71682	Drill Core	8.50	0.43	<0.01	0.01	416	1.595	9
71683	Drill Core	11.40	0.11	<0.01	<0.01	129	0.435	3
71684	Drill Core	8.72	2.43	0.02	<0.01	2493	0.276	2
71685	Drill Core	17.74	0.01	<0.01	<0.01	19	0.014	<2
71686	Drill Core	8.02	2.17	<0.01	<0.01	1946	0.278	3
71687	Drill Core	3.71	0.20	0.01	<0.01	118	0.892	6
71688	Drill Core	4.21	0.05	<0.01	<0.01	73	0.307	<2
71689	Drill Core	2.23	0.29	<0.01	<0.01	168	2.836	19
71690	Drill Core	4.41	1.06	<0.01	<0.01	1617	5.590	40
71691	Drill Core	4.07	0.09	<0.01	0.01	104	0.515	4

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Project: Bul River Mine
Report Date: July 22, 2012

QUALITY CONTROL REPORT VAN12003061.1

	Method	WGHT	G6	G6	G6	3B	7TD	7TD
	Analyte	Wgt	Au	Pt	Pd	Au	Cu	Ag
	Unit	kg	gm/t	gm/t	gm/t	ppb	%	gm/t
	MDL	0.01	0.01	0.01	0.01	2	0.001	2
Pulp Duplicates								
71680	Drill Core	8.33	0.03	0.01	<0.01	19	0.066	<2
REP 71680	QC					27		
71691	Drill Core	4.07	0.09	<0.01	0.01	104	0.515	4
REP 71691	QC		0.05	<0.01	<0.01			
Reference Materials								
STD CDN-ME-9	Standard						0.643	3
STD CDN-ME-14	Standard						1.188	44
STD CDN-PGMS-19	Standard		0.23	0.10	0.49			
STD CDN-PGMS-19	Standard		0.22	0.10	0.49			
STD OXC88	Standard					198		
STD OXG99	Standard					875		
STD PD1	Standard		0.49	0.43	0.55			
STD CDN-ME-9 Expected							0.654	
STD CDN-ME-14 Expected							1.221	45
STD PD1 Expected			0.542	0.456	0.563			
STD OXC88 Expected						203		
STD OXG99 Expected						932		
STD CDN-PGMS-19			0.23	0.108	0.476			
BLK	Blank						0.002	<2
BLK	Blank		<0.01	<0.01	<0.01			
BLK	Blank		<0.01	<0.01	<0.01			
BLK	Blank					4		
BLK	Blank		<0.01	<0.01	<0.01			
Prep Wash								
G1	Prep Blank		<0.01	<0.01	<0.01	2	<0.001	<2
G1	Prep Blank		<0.01	<0.01	<0.01	4	<0.001	<2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 13, 2012
Report Date:	August 01, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS VAN12003244.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG F
P.O. Number	
Number of Samples:	153

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	141	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	153	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	153	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003244.1

Method		WGHT	3B	7TD	7TD	G6Gr
Analyte		Wgt	Au	Cu	Ag	Au
Unit		kg	ppb	%	gm/t	gm/t
MDL		0.01	2	0.001	2	0.9
G1	Prep Blank	<0.01	<2	<0.001	<2	
G1	Prep Blank	<0.01	3	<0.001	<2	
70630	Rock	4.05	320	0.804	6	
70631	Rock	3.59	239	0.870	6	
70632	Rock Pulp	0.05	<2	0.001	<2	
70633	Rock	4.74	136	0.283	<2	
70634	Rock	3.86	154	0.682	5	
70635	Rock	5.58	107	0.503	4	
70636	Rock	4.43	263	0.877	6	
70637	Rock	6.43	257	0.205	<2	
70638	Rock	5.32	158	0.042	<2	
70639	Rock	8.85	120	0.198	<2	
70640	Rock	6.12	298	0.133	<2	
70641	Rock	6.49	92	0.061	<2	
70642	Rock	4.73	85	0.113	<2	
70643	Rock	6.49	903	0.050	<2	
70644	Rock	3.94	893	0.127	<2	
70645	Rock Pulp	0.05	358	3.194	101	
70646	Rock	5.83	629	0.055	<2	
70647	Rock	5.14	90	0.124	<2	
70648	Rock	4.79	80	0.067	<2	
70649	Rock	6.76	67	0.223	<2	
70650	Rock	7.86	44	0.132	<2	
70651	Rock	3.24	>10000	0.345	6	41.0
70652	Rock	3.79	1030	1.280	9	
70653	Rock	5.90	170	0.192	<2	
70654	Rock	5.61	154	0.508	3	
70655	Rock	6.40	58	0.318	2	
70656	Rock	3.39	30	0.098	<2	
70657	Rock	4.34	222	0.222	<2	

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
70658	Rock Pulp	0.05	7	<0.001	<2	
70659	Rock	5.40	318	0.061	<2	
70660	Rock	4.12	85	0.290	<2	
70661	Rock	5.19	287	0.639	3	
70662	Rock	3.60	93	0.545	3	
70663	Rock	7.25	126	0.866	3	
70664	Rock	5.88	200	0.732	2	
70665	Rock	10.59	1318	1.066	6	
70666	Rock	9.57	77	0.303	<2	
70667	Rock	5.96	129	0.255	<2	
70668	Rock	7.17	451	1.288	10	
70669	Rock	6.26	295	0.783	6	
70670	Rock Pulp	0.05	4648	1.071	103	
70671	Rock	6.61	172	0.402	<2	
70673	Rock	3.89	118	0.248	<2	
70674	Rock	5.16	419	0.433	<2	
70675	Rock	4.97	16	0.089	<2	
70676	Rock	5.32	162	0.707	5	
70677	Rock	4.73	97	0.736	5	
70678	Rock	5.22	186	0.051	<2	
70679	Rock	5.03	198	0.262	<2	
70680	Rock	4.83	1349	0.597	<2	
70681	Rock	8.66	122	0.136	<2	
70682	Rock Pulp	0.05	4	0.002	<2	
70683	Rock	5.52	86	0.178	<2	
70684	Rock	3.14	101	0.467	4	
70685	Rock	4.55	106	0.732	<2	
70686	Rock	4.03	2137	0.151	<2	
70687	Rock	8.96	124	0.305	<2	
70688	Rock	4.66	41	0.084	<2	

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Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
70689	Rock	6.29	15	0.033	<2	
70690	Rock	4.37	28	0.038	<2	
70691	Rock	6.76	160	0.612	3	
70692	Rock	6.94	14	0.061	<2	
70693	Rock	5.48	8	0.030	<2	
70694	Rock	4.87	15	0.095	<2	
70696	Rock	7.52	450	0.734	4	
70697	Rock	2.78	427	0.851	6	
70698	Rock	4.21	26	0.151	3	
70699	Rock	4.81	10	0.017	2	
70700	Rock	7.60	76	0.100	<2	
70701	Rock	6.22	11	0.010	<2	
70702	Rock	4.69	16	0.076	<2	
70703	Rock	6.21	4	0.019	<2	
70704	Rock	5.38	<2	0.008	<2	
70705	Rock	7.17	5	0.009	<2	
70706	Rock	3.88	8	0.029	<2	
70707	Rock	8.75	8291	0.165	<2	5.2
70708	Rock	6.44	23	0.098	<2	
70709	Rock	6.83	76	0.084	<2	
70710	Rock	11.54	121	0.169	<2	
70711	Rock Pulp	0.05	4	0.002	<2	
70712	Rock	4.91	50	0.196	<2	
70713	Rock	5.32	17	0.108	<2	
70714	Rock	10.10	19	0.151	<2	
70715	Rock	2.39	62	0.201	<2	
70716	Rock	4.59	92	0.243	<2	
70717	Rock	4.77	13	0.027	<2	
70718	Rock Pulp	0.05	202	0.182	13	
70719	Rock	5.97	17	0.058	<2	

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CERTIFICATE OF ANALYSIS VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
70720	Rock	11.78	19	0.060	<2	
70721	Rock	5.39	165	0.223	<2	
70722	Rock	5.66	72	0.346	3	
70723	Rock	4.32	160	0.531	4	
70724	Rock	7.20	63	0.374	<2	
70725	Rock	5.29	97	0.239	<2	
70726	Rock	2.95	167	0.593	4	
70727	Rock	4.21	45	0.115	<2	
70728	Rock	4.39	88	0.554	4	
70729	Rock	5.25	1325	1.981	17	
70730	Rock	4.33	111	0.574	5	
70731	Rock	3.41	124	0.535	3	
70732	Rock	4.09	167	0.520	2	
70733	Rock Pulp	0.05	2	0.002	<2	
70734	Rock	5.02	418	1.299	9	
70735	Rock	5.02	174	1.347	9	
70736	Rock	6.70	278	1.023	5	
70737	Rock	8.14	88	0.255	<2	
70738	Rock	7.25	244	1.233	7	
70739	Rock	8.40	149	0.513	2	
70740	Rock	6.60	71	0.799	5	
70741	Rock	4.45	36	0.145	<2	
70742	Rock	6.41	30	0.168	<2	
70743	Rock Pulp	0.05	34	0.945	37	
70744	Rock	7.23	43	0.257	<2	
70745	Rock	8.63	536	1.039	8	
70746	Rock	5.15	591	1.658	9	
70747	Rock	6.35	197	0.560	<2	
70748	Rock	7.03	26	0.072	<2	
70749	Rock	8.71	37	0.331	<2	

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CERTIFICATE OF ANALYSIS VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
70750	Rock	9.94	135	0.553	3	
70751	Rock	5.02	14	0.031	<2	
70752	Rock	3.78	120	0.196	<2	
70753	Rock	3.63	156	0.739	5	
70754	Rock	5.50	402	0.636	5	
70755	Rock	8.51	267	0.723	6	
70756	Rock	4.00	146	0.248	3	
70757	Rock	6.28	33	0.189	<2	
70758	Rock Pulp	0.05	<2	0.002	<2	
70759	Rock	4.87	91	0.290	<2	
70760	Rock	3.29	124	2.093	13	
70761	Rock	6.56	152	2.081	12	
70762	Rock	6.39	27	0.089	<2	
70763	Rock	2.93	130	0.393	4	
70764	Rock	5.08	209	0.287	2	
70765	Rock	5.06	203	0.487	3	
70766	Rock	6.37	67	0.273	<2	
70767	Rock	4.96	284	0.120	<2	
70768	Rock Pulp	0.05	4467	1.052	100	
70769	Rock	5.17	2180	0.362	4	
70770	Rock	5.46	184	0.222	<2	
70771	Rock	5.25	111	0.284	<2	
70772	Rock	3.94	178	0.181	<2	
70773	Rock	6.02	48	0.331	<2	
70774	Rock	9.99	73	0.327	<2	
70775	Rock	9.79	785	0.641	3	
70776	Rock	5.08	79	0.089	<2	
70777	Rock	7.08	56	0.187	<2	
70778	Rock	5.18	18	0.056	<2	
70779	Rock	5.02	115	0.149	<2	

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Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
70780	Rock	8.31	135	0.385	<2	
70781	Rock	5.20	194	0.185	<2	
70782	Rock Pulp	0.05	5	<0.001	<2	
70783	Rock	4.18	939	0.046	<2	
70784	Rock	3.45	38	0.315	<2	

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003244.1

	Method	WGHT	3B	7TD	7TD	G6Gr
	Analyte	Wgt	Au	Cu	Ag	Au
	Unit	kg	ppb	%	gm/t	gm/t
	MDL	0.01	2	0.001	2	0.9
Pulp Duplicates						
70631	Rock	3.59	239	0.870	6	
REP 70631	QC			0.910	6	
70644	Rock	3.94	893	0.127	<2	
REP 70644	QC		719			
70666	Rock	9.57	77	0.303	<2	
REP 70666	QC			0.309	<2	
70679	Rock	5.03	198	0.262	<2	
REP 70679	QC		199			
REP 70703	QC			0.018	<2	
70714	Rock	10.10	19	0.151	<2	
REP 70714	QC		19			
70732	Rock	4.09	167	0.520	2	
REP 70732	QC		187			
REP 70737	QC			0.271	<2	
70748	Rock	7.03	26	0.072	<2	
REP 70748	QC		28			
70772	Rock	3.94	178	0.181	<2	
REP 70772	QC			0.194	<2	
70781	Rock	5.20	194	0.185	<2	
REP 70781	QC		197			
Core Reject Duplicates						
70633	Rock	4.74	136	0.283	<2	
DUP 70633	QC	<0.01	135	0.294	2	
70667	Rock	5.96	129	0.255	<2	
DUP 70667	QC	<0.01	117	0.279	<2	
70703	Rock	6.21	4	0.019	<2	
DUP 70703	QC	<0.01	5	0.020	<2	
70737	Rock	8.14	88	0.255	<2	

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Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003244.1

		WGHT	3B	7TD	7TD	G6Gr
		Wgt	Au	Cu	Ag	Au
		kg	ppb	%	gm/t	gm/t
		0.01	2	0.001	2	0.9
DUP 70737	QC	<0.01	79	0.272	<2	
70771	Rock	5.25	111	0.284	<2	
DUP 70771	QC	<0.01	108	0.296	<2	
Reference Materials						
STD AGPROOF	Standard					<0.9
STD CDN-ME-14	Standard			1.282	40	
STD CDN-ME-9	Standard			0.659	<2	
STD CDN-ME-9	Standard			0.679	3	
STD CDN-ME-14	Standard			1.297	47	
STD CDN-ME-14	Standard			1.201	40	
STD CDN-ME-9	Standard			0.626	<2	
STD CDN-ME-9	Standard			0.626	4	
STD CDN-ME-14	Standard			1.161	43	
STD CDN-ME-9	Standard			0.683	3	
STD CDN-ME-14	Standard			1.198	45	
STD OXD87	Standard		433			
STD OXD87	Standard		388			
STD OXD87	Standard		412			
STD OXD87	Standard		439			
STD OXD87	Standard		415			
STD OXD87	Standard		434			
STD OXD87	Standard		427			
STD OXG99	Standard		948			
STD OXG99	Standard		881			
STD OXG99	Standard		894			
STD OXG99	Standard		913			
STD OXG99	Standard		940			
STD OXG99	Standard		941			
STD OXG99	Standard		1009			

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Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003244.1

		WGHT	3B	7TD	7TD	G6Gr
		Wgt	Au	Cu	Ag	Au
		kg	ppb	%	gm/t	gm/t
		0.01	2	0.001	2	0.9
STD SP49	Standard					17.6
STD SP49	Standard					18.5
STD SP49	Standard					18.0
STD CDN-ME-9 Expected				0.654		
STD CDN-ME-14 Expected				1.221	45	
STD AGPROOF Expected						0
STD OXD87 Expected			417			
STD OXG99 Expected			932			
STD SP49 Expected						18.34
BLK	Blank			<0.001	<2	
BLK	Blank			<0.001	<2	
BLK	Blank			<0.001	<2	
BLK	Blank		<2			
BLK	Blank		5			
BLK	Blank		<2			
BLK	Blank		7			
BLK	Blank		5			
BLK	Blank		<2			
BLK	Blank			<0.001	<2	
BLK	Blank			<0.001	<2	
BLK	Blank		<2			
BLK	Blank		<2			
BLK	Blank		7			
BLK	Blank		2			
BLK	Blank		3			
BLK	Blank		3			
BLK	Blank					<0.9
BLK	Blank					<0.9
BLK	Blank		3			

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Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003244.1

		WGHT	3B	7TD	7TD	G6Gr
		Wgt	Au	Cu	Ag	Au
		kg	ppb	%	gm/t	gm/t
		0.01	2	0.001	2	0.9
BLK	Blank		5			
BLK	Blank		<2			
BLK	Blank					<0.9
Prep Wash						
G1	Prep Blank	<0.01	<2	<0.001	<2	
G1	Prep Blank	<0.01	3	<0.001	<2	

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: July 13, 2012
Report Date: July 30, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS VAN12003246.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG F
P.O. Number	
Number of Samples:	108

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	99	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	108	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	108	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003246.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	3	<0.001	<2
G1	Prep Blank	<0.01	3	<0.001	<2
71782	Rock	3.48	55	1.097	8
71783	Rock	5.97	175	1.152	8
71784	Rock	4.63	75	0.315	2
71785	Rock	7.33	110	0.645	4
71786	Rock	5.41	2677	1.876	13
71787	Rock Pulp	0.05	3	0.003	<2
71788	Rock	4.55	344	0.315	<2
71789	Rock	5.57	128	0.385	2
71790	Rock	6.81	324	0.777	4
71791	Rock	5.58	226	0.498	2
71792	Rock	6.90	72	0.275	<2
71793	Rock	3.02	35	0.172	<2
71794	Rock	3.55	813	2.155	19
71795	Rock	3.10	311	2.448	20
71796	Rock Pulp	0.05	39	0.885	31
71797	Rock	3.34	748	1.891	15
71798	Rock	3.01	75	1.003	6
71799	Rock	3.04	429	2.343	17
71800	Rock	4.53	24	0.112	<2
71801	Rock	5.79	5020	5.884	44
71802	Rock	8.12	238	1.209	9
71803	Rock	7.10	59	0.290	<2
71804	Rock	6.45	115	0.787	5
71805	Rock	5.73	519	1.453	8
71806	Rock	7.32	263	1.833	12
71807	Rock	9.84	69	0.927	6
71808	Rock	4.91	306	0.465	3
71809	Rock	2.76	44	0.448	3

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CERTIFICATE OF ANALYSIS VAN12003246.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71810	Rock Pulp	0.05	369	2.954	94
71811	Rock	2.71	80	0.605	3
71812	Rock	12.36	253	1.720	13
71813	Rock	5.79	630	1.293	10
71814	Rock	4.41	291	0.898	7
71815	Rock	5.07	88	0.821	8
71816	Rock	5.05	234	0.658	7
71817	Rock	4.50	138	0.944	9
71818	Rock	4.30	873	2.313	20
71819	Rock Pulp	0.05	4	0.004	<2
71820	Rock	4.92	205	1.903	17
71821	Rock	8.63	312	1.693	15
71822	Rock	4.52	78	0.599	6
71823	Rock	6.77	152	0.873	8
71824	Rock	5.93	182	0.529	4
71825	Rock	5.36	169	0.324	4
71826	Rock Pulp	0.05	5	0.002	<2
71827	Rock	5.98	220	0.484	4
71828	Rock	3.93	128	1.038	9
71829	Rock	3.72	18	0.228	2
71830	Rock	3.97	755	4.049	32
71831	Rock	3.79	922	2.153	21
71832	Rock	4.43	785	9.018	73
71833	Rock	4.37	120	0.526	5
71834	Rock	4.25	116	0.550	5
71835	Rock	5.96	133	0.753	7
71836	Rock	5.58	187	2.136	19
71837	Rock	15.16	27	0.221	<2
71838	Rock	7.26	75	0.450	4
71839	Rock Pulp	0.05	39	0.904	35

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CERTIFICATE OF ANALYSIS VAN12003246.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71840	Rock	8.78	37	0.143	<2
71841	Rock	5.34	170	0.978	7
71842	Rock	3.41	99	0.386	4
71843	Rock	4.75	763	6.192	53
71844	Rock	8.17	607	4.470	38
71845	Rock	5.21	59	0.672	7
71846	Rock	6.36	873	9.179	82
71847	Rock	7.96	515	17.22	156
71848	Rock	2.11	65	2.068	20
71849	Rock	8.72	1335	17.88	169
71850	Rock	8.47	685	2.341	21
71851	Rock	4.78	112	0.629	5
71852	Rock	4.97	464	1.803	16
71853	Rock	6.22	94	0.736	6
71854	Rock	8.06	38	0.242	<2
71855	Rock	5.84	483	0.631	7
71856	Rock	4.78	324	1.314	11
71857	Rock Pulp	0.05	7	0.002	<2
71858	Rock	5.89	27	0.175	<2
71859	Rock	5.91	11	0.099	<2
71860	Rock	3.82	229	1.575	13
71861	Rock	6.31	58	0.769	7
71862	Rock Pulp	0.05	180	0.195	13
71863	Rock	6.38	46	0.570	5
71864	Rock	3.70	131	1.063	10
71865	Rock	4.36	55	0.464	5
71866	Rock	5.72	339	3.350	30
71867	Rock	4.38	13	0.254	2
71868	Rock	2.87	445	1.580	12
71869	Rock	4.96	353	6.005	48

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003246.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71870	Rock	4.06	219	3.059	25
71871	Rock	5.47	417	0.852	7
71872	Rock	4.69	152	1.627	24
71873	Rock	5.46	97	0.822	7
71874	Rock	5.36	68	1.043	10
71875	Rock	5.85	33	0.303	<2
71876	Rock	3.05	44	0.181	<2
71877	Rock	4.82	571	1.775	14
71878	Rock	4.93	124	1.262	11
71879	Rock	5.54	154	0.965	9
71880	Rock	6.45	53	0.315	3
71881	Rock	5.52	383	2.543	22
71882	Rock	7.99	875	6.277	61
71883	Rock	7.31	142	1.208	12
71884	Rock	3.28	116	0.706	8
71885	Rock	3.47	111	1.033	10
71886	Rock	4.43	126	1.097	10
71887	Rock	5.63	315	2.175	22
71888	Rock	5.22	156	1.185	12
71889	Rock Pulp	0.05	4345	1.024	104

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Report Date: July 30, 2012

QUALITY CONTROL REPORT VAN12003246.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
71783	Rock	5.97	175	1.152	8
REP 71783	QC			1.058	8
71818	Rock	4.30	873	2.313	20
REP 71818	QC			2.265	19
71823	Rock	6.77	152	0.873	8
REP 71823	QC		180		
71877	Rock	4.82	571	1.775	14
REP 71877	QC			1.811	15
Core Reject Duplicates					
71797	Rock	3.34	748	1.891	15
DUP 71797	QC	<0.01	834	1.759	13
71831	Rock	3.79	922	2.153	21
DUP 71831	QC	<0.01	908	2.377	23
71865	Rock	4.36	55	0.464	5
DUP 71865	QC	<0.01	62	0.475	4
Reference Materials					
STD CDN-ME-9	Standard			0.656	3
STD CDN-ME-14	Standard			1.251	46
STD CDN-ME-9	Standard			0.647	<2
STD CDN-ME-14	Standard			1.218	41
STD CDN-ME-9	Standard			0.662	3
STD CDN-ME-14	Standard			1.227	41
STD CDN-ME-14	Standard			1.219	46
STD CDN-ME-9	Standard			0.635	4
STD OXC88	Standard		184		
STD OXC88	Standard		198		
STD OXD87	Standard		408		
STD OXD87	Standard		426		

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QUALITY CONTROL REPORT VAN12003246.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXD87	Standard		439		
STD OXD87	Standard		415		
STD OXD87	Standard		411		
STD OXG99	Standard		915		
STD OXG99	Standard		939		
STD OXG99	Standard		916		
STD OXG99	Standard		889		
STD OXG99	Standard		940		
STD OXG99	Standard		941		
STD OXG99	Standard		944		
STD OXC88 Expected			203		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
STD OXD87 Expected			417		
STD OXG99 Expected			932		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		5		
BLK	Blank		3		
BLK	Blank			<0.001	<2
BLK	Blank		6		
BLK	Blank		7		
BLK	Blank		7		
BLK	Blank		2		

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Report Date: July 30, 2012

QUALITY CONTROL REPORT VAN12003246.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		3		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01	3	<0.001	<2
G1	Prep Blank	<0.01	3	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 13, 2012
Report Date:	August 01, 2012
Page:	1 of 7

CERTIFICATE OF ANALYSIS — VAN12003247.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	
P.O. Number	
Number of Samples:	175

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	160	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	175	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	175	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	2	<0.001	<2
71890	Rock	3.40	33	0.309	3
71891	Rock	3.73	96	0.536	4
71892	Rock	5.21	124	1.206	11
71893	Rock	5.74	46	0.352	3
71894	Rock	6.52	59	0.271	<2
71895	Rock Pulp	0.05	<2	0.002	<2
71896	Rock	5.51	64	0.181	<2
71897	Rock	4.98	14	0.047	<2
71898	Rock	6.02	38	0.391	3
71899	Rock	5.99	227	2.401	19
71900	Rock	3.58	48	0.233	2
71901	Rock	5.42	24	0.047	<2
71902	Rock	5.57	36	0.128	<2
71903	Rock	6.35	7	0.224	<2
71904	Rock	4.45	74	0.111	<2
71905	Rock	3.21	39	0.053	<2
71906	Rock	4.82	<2	0.028	<2
71907	Rock Pulp	0.05	2	0.002	<2
71908	Rock	4.37	3	0.030	<2
71909	Rock	4.25	7	0.081	<2
71910	Rock	3.10	15	0.068	<2
71911	Rock	4.09	8	0.042	<2
71912	Rock	7.82	72	0.092	<2
71913	Rock	4.48	15	0.168	3
71914	Rock	3.56	31	0.184	<2
71915	Rock	4.14	<2	0.021	<2
71916	Rock	3.25	178	0.287	<2
71917	Rock	3.25	86	0.210	<2

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CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71918	Rock	4.50	288	0.445	3
71919	Rock	2.85	94	0.555	5
71920	Rock	2.49	119	0.252	<2
71921	Rock Pulp	0.05	382	3.039	101
71922	Rock	6.13	542	0.478	3
71923	Rock	8.34	143	0.572	4
71924	Rock	5.81	139	0.398	4
71925	Rock	4.82	569	1.772	13
71926	Rock	5.63	96	0.396	2
71927	Rock	3.87	79	0.315	<2
71928	Rock	6.62	192	0.230	2
71929	Rock	4.91	108	0.093	<2
71930	Rock	6.08	11	0.044	<2
71931	Rock	5.01	51	0.659	4
71932	Rock	4.90	581	0.660	4
71933	Rock	7.18	44	0.087	<2
71934	Rock Pulp	0.05	<2	0.003	<2
71935	Rock	4.34	171	0.180	<2
71936	Rock	4.23	68	0.324	2
71937	Rock	5.61	140	0.791	4
71938	Rock	5.38	299	0.401	3
71939	Rock	8.01	136	0.519	4
71940	Rock	7.71	26	0.276	<2
71941	Rock	5.21	119	0.206	2
71942	Rock	9.47	87	0.449	3
71943	Rock	5.07	980	0.936	6
71944	Rock	5.11	306	0.482	2
71945	Rock	4.03	34	0.260	<2
71946	Rock Pulp	0.05	48	0.877	33
71947	Rock	5.25	558	0.539	6

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Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71948	Rock	9.20	176	0.083	<2
71949	Rock	7.35	347	0.549	5
71950	Rock	5.00	434	0.506	4
71951	Rock	6.13	61	0.408	4
71952	Rock	3.74	29	0.203	<2
71953	Rock	4.28	26	0.036	<2
71954	Rock	3.62	300	0.253	2
71955	Rock	3.91	14	0.092	<2
71956	Rock	5.75	218	1.043	8
71957	Rock Pulp	0.05	202	0.187	13
71958	Rock	5.09	320	0.890	8
71959	Rock	4.65	63	0.519	3
71960	Rock	4.05	76	0.460	4
71961	Rock	5.96	135	1.051	6
71962	Rock	3.22	273	1.048	9
71963	Rock	3.62	35	0.080	<2
71964	Rock	7.48	38	0.230	<2
71965	Rock	5.05	664	2.768	23
71966	Rock	7.42	626	1.067	8
71967	Rock	4.06	252	1.193	10
71968	Rock	3.46	44	0.209	<2
71969	Rock	3.78	38	0.187	<2
71970	Rock Pulp	0.05	4	<0.001	<2
71971	Rock	5.13	249	2.140	15
71972	Rock	5.24	36	0.103	<2
71973	Rock	5.78	74	0.423	3
71974	Rock	5.38	64	0.763	5
71975	Rock	8.33	32	0.229	<2
71976	Rock	3.03	312	0.883	7
71977	Rock	3.75	28	0.263	<2

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Project: Bul River Mine
Report Date: August 01, 2012

CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
71978	Rock	4.23	69	0.454	<2
71979	Rock	3.88	17	0.073	<2
71980	Rock	5.52	23	0.318	2
71981	Rock Pulp	0.05	<2	<0.001	<2
71982	Rock	6.87	88	0.853	7
71983	Rock	10.43	110	0.270	<2
71984	Rock	6.97	175	0.725	6
71985	Rock	4.65	68	0.096	<2
71986	Rock	2.56	33	0.137	<2
71987	Rock	8.69	41	0.198	<2
71988	Rock	5.69	38	0.322	<2
71989	Rock	4.84	12	0.070	<2
71990	Rock	4.28	9	0.026	<2
71991	Rock	6.88	46	0.302	<2
71992	Rock Pulp	0.05	4322	1.060	108
71993	Rock	6.15	24	0.187	<2
71994	Rock	4.31	23	0.014	<2
71995	Rock	5.03	6	0.004	<2
71996	Rock	5.97	4	0.023	<2
71997	Rock	3.87	5	0.030	<2
71998	Rock	6.68	12	0.021	<2
70695	Rock Pulp	0.05	36	0.905	35
70785	Rock	4.57	309	1.549	12
70786	Rock	5.30	701	1.558	12
70787	Rock	4.85	253	1.153	9
70788	Rock	5.87	129	1.099	8
70789	Rock	7.38	259	0.980	7
70790	Rock	6.91	42	0.094	<2
70791	Rock	8.71	625	1.626	11
70792	Rock	4.27	236	1.449	10

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CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70793	Rock	4.06	4221	1.422	12
70794	Rock	5.86	97	0.741	5
70795	Rock Pulp	0.05	339	3.068	104
70796	Rock	5.90	1125	1.528	10
70797	Rock	7.21	553	0.837	5
70798	Rock	6.15	397	0.234	<2
70799	Rock	8.58	1564	0.995	6
70800	Rock	9.25	67	0.208	<2
70801	Rock	7.49	258	0.390	3
70802	Rock	7.43	385	0.359	3
70803	Rock	10.43	1293	1.085	8
70804	Rock	10.98	629	1.363	10
70805	Rock	6.19	2201	2.398	20
70806	Rock	6.17	59	0.144	<2
70807	Rock	4.41	224	0.211	<2
70808	Rock	6.33	1801	2.591	19
70809	Rock Pulp	0.05	5	0.002	<2
70810	Rock	6.49	296	0.547	3
70811	Rock	15.38	403	0.565	3
70812	Rock	6.35	417	0.670	5
70813	Rock	3.72	249	0.490	4
70814	Rock	5.68	171	0.574	<2
70815	Rock	5.51	696	0.564	<2
70816	Rock	7.73	210	0.215	<2
70817	Rock	3.53	28	0.047	<2
70818	Rock	4.43	140	0.315	<2
70819	Rock	5.15	122	0.737	3
70820	Rock	4.08	1236	0.914	4
70821	Rock Pulp	0.05	376	3.110	99
70822	Rock	6.52	505	1.025	6

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CERTIFICATE OF ANALYSIS VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70823	Rock	5.46	4155	1.643	13
70824	Rock	4.50	70	0.407	2
70825	Rock	4.30	383	1.115	6
70826	Rock	6.19	259	1.415	9
70827	Rock	6.42	83	0.353	2
70828	Rock	9.80	414	0.362	2
70829	Rock	8.32	106	0.184	<2
70830	Rock	6.24	200	0.353	<2
70831	Rock	8.90	126	0.605	3
70832	Rock	5.74	62	0.313	<2
70833	Rock	6.10	109	0.432	3
70834	Rock	9.94	165	0.308	<2
70835	Rock	10.88	34	0.107	<2
70836	Rock Pulp	0.05	5	<0.001	<2
70837	Rock	9.76	267	1.717	11
70838	Rock	11.81	2144	0.358	<2
70839	Rock	4.75	642	4.114	64
70840	Rock	4.61	541	7.162	103
70841	Rock	6.10	263	1.971	23
70842	Rock	3.98	192	4.046	46
70843	Rock	2.91	43	0.580	13
70844	Rock	3.71	12	0.034	<2
70845	Rock	3.66	48	0.480	13
70846	Rock	2.58	8	0.045	<2
70847	Rock Pulp	0.05	4782	1.107	104
70848	Rock	6.39	606	6.783	98
70849	Rock	6.10	544	5.538	94

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Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003247.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
REP G1	QC		2		
71917	Rock	3.25	86	0.210	<2
REP 71917	QC			0.206	<2
71952	Rock	3.74	29	0.203	<2
REP 71952	QC			0.204	<2
71953	Rock	4.28	26	0.036	<2
REP 71953	QC		26		
71962	Rock	3.22	273	1.048	9
REP 71962	QC			1.052	8
71987	Rock	8.69	41	0.198	<2
REP 71987	QC		41		
70806	Rock	6.17	59	0.144	<2
REP 70806	QC			0.141	<2
70841	Rock	6.10	263	1.971	23
REP 70841	QC			1.974	24
70849	Rock	6.10	544	5.538	94
REP 70849	QC			5.496	92
Core Reject Duplicates					
71897	Rock	4.98	14	0.047	<2
DUP 71897	QC	<0.01	13	0.045	<2
71931	Rock	5.01	51	0.659	4
DUP 71931	QC	<0.01	92	0.650	5
71965	Rock	5.05	664	2.768	23
DUP 71965	QC	<0.01	621	2.766	23
70818	Rock	4.43	140	0.315	<2
DUP 70818	QC	<0.01	142	0.327	<2
Reference Materials					
STD CDN-ME-9	Standard			0.679	2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003247.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-14	Standard			1.283	47
STD CDN-ME-9	Standard			0.650	3
STD CDN-ME-14	Standard			1.233	45
STD CDN-ME-9	Standard			0.646	4
STD CDN-ME-14	Standard			1.193	44
STD CDN-ME-9	Standard			0.625	3
STD CDN-ME-14	Standard			1.213	45
STD CDN-ME-9	Standard			0.640	4
STD CDN-ME-14	Standard			1.254	47
STD CDN-ME-9	Standard			0.667	<2
STD CDN-ME-14	Standard			1.286	43
STD OXD87	Standard		420		
STD OXD87	Standard		402		
STD OXD87	Standard		414		
STD OXD87	Standard		399		
STD OXD87	Standard		423		
STD OXD87	Standard		395		
STD OXD87	Standard		438		
STD OXD87	Standard		427		
STD OXG99	Standard		937		
STD OXG99	Standard		939		
STD OXG99	Standard		920		
STD OXG99	Standard		917		
STD OXG99	Standard		851		
STD OXG99	Standard		1009		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXD87 Expected			417		
STD OXG99 Expected			932		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 01, 2012

QUALITY CONTROL REPORT VAN12003247.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		4		
BLK	Blank		7		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		7		
BLK	Blank		5		
BLK	Blank		2		
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank		5		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01		<0.001	<2
G1	Prep Blank	<0.01	2	<0.001	<2
G1	Prep Blank		<2		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: July 16, 2012
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG H
P.O. Number	
Number of Samples:	168

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	155	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	168	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	168	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	4	<0.001	<2
G1	Prep Blank	<0.01	6	<0.001	<2
70850	Rock	6.16	173	0.514	3
70851	Rock	6.85	82	0.862	5
70852	Rock	5.50	60	0.798	5
70853	Rock	4.64	677	10.03	53
70854	Rock	5.46	332	4.945	28
70855	Rock	9.66	282	7.183	44
70856	Rock	5.04	50	0.670	4
70857	Rock	4.93	570	6.575	38
70858	Rock Pulp	0.05	6	0.003	<2
70859	Rock	3.33	51	0.472	3
70860	Rock	3.06	188	1.670	9
70861	Rock	3.89	478	4.546	26
70862	Rock	5.88	367	5.732	32
70863	Rock	2.67	369	4.335	25
70864	Rock	5.05	260	3.965	22
70865	Rock	5.35	62	0.531	3
70866	Rock	3.27	24	0.288	<2
70867	Rock	6.50	67	0.855	9
70868	Rock	4.89	82	0.417	4
70869	Rock	6.38	196	4.978	33
70870	Rock	3.20	168	1.485	13
70871	Rock	4.39	1512	7.072	47
70872	Rock	5.43	485	11.84	93
70873	Rock Pulp	0.05	42	0.924	33
70874	Rock	3.94	121	2.887	75
70875	Rock	3.99	38	0.500	4
70876	Rock	4.01	98	0.958	16
70877	Rock	8.93	228	8.911	64

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70878	Rock	6.51	159	4.637	33
70879	Rock	3.96	79	0.390	10
70880	Rock	4.29	60	1.071	9
70881	Rock	4.27	77	0.740	9
70882	Rock	6.71	689	4.860	37
70883	Rock	10.54	369	3.717	30
70884	Rock	7.91	686	5.586	59
70885	Rock	5.23	20	0.380	3
70886	Rock Pulp	0.05	<2	0.004	<2
70887	Rock	5.93	123	3.566	24
70888	Rock	4.16	11	0.061	<2
70889	Rock	3.39	264	2.366	16
70890	Rock	5.62	118	1.139	10
70891	Rock	6.30	119	1.138	8
70892	Rock	7.74	164	1.206	9
70893	Rock	6.31	13	0.035	<2
70894	Rock	6.68	29	0.517	3
70895	Rock	4.01	22	0.534	4
70896	Rock	4.26	139	1.659	10
70897	Rock Pulp	0.05	196	0.189	12
70898	Rock	3.05	166	2.573	14
70899	Rock	5.79	35	0.383	2
70900	Rock	5.21	33	0.462	3
70901	Rock	3.97	41	0.505	<2
70902	Rock	3.98	118	1.393	9
70903	Rock	5.69	19	0.158	<2
70904	Rock	3.10	4	0.062	<2
70905	Rock	5.40	13	0.185	<2
70906	Rock	6.89	457	2.105	13
70907	Rock	5.12	136	1.157	8

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70908	Rock	4.21	4	0.033	<2
70909	Rock	7.10	25	0.302	<2
70910	Rock	8.68	72	0.602	4
70911	Rock	7.43	73	0.806	5
70912	Rock Pulp	0.05	4	0.001	<2
70913	Rock	8.15	143	1.713	10
70914	Rock	5.61	78	0.665	3
70915	Rock	12.69	101	0.712	3
70916	Rock	7.98	13	0.042	<2
70917	Rock	5.80	625	2.749	15
70918	Rock	4.42	114	0.334	2
70919	Rock	3.20	59	0.732	5
70920	Rock	2.46	391	3.456	24
70921	Rock	5.60	114	0.747	5
70922	Rock Pulp	0.05	4176	1.068	105
70923	Rock	6.64	21	0.042	<2
70924	Rock	7.86	287	0.927	6
70925	Rock	5.08	54	0.516	4
70926	Rock	5.36	264	1.433	9
70927	Rock	5.50	222	3.318	19
70928	Rock	4.89	39	0.300	<2
70929	Rock	9.89	255	3.348	20
70930	Rock	6.46	125	0.655	5
70931	Rock	9.04	347	1.648	12
70932	Rock Pulp	0.05	4	0.002	<2
70933	Rock	8.11	126	0.957	6
71999	Rock	5.43	520	1.003	6
72000	Rock	5.25	139	0.402	3
176001	Rock	5.64	169	0.414	3
176002	Rock	4.26	26	0.134	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176003	Rock	6.76	157	0.336	2
176004	Rock	4.79	109	0.545	3
176005	Rock	6.98	280	0.721	4
176006	Rock Pulp	0.05	7	0.002	<2
176007	Rock	6.13	130	0.119	<2
176008	Rock	5.10	12	0.059	<2
176009	Rock	6.28	321	0.730	5
176010	Rock	8.38	374	0.339	<2
176011	Rock Pulp	0.05	43	0.928	32
176012	Rock	5.85	1086	1.432	8
176013	Rock	10.10	99	0.100	<2
176014	Rock	6.47	139	0.648	3
176015	Rock	5.97	59	0.114	<2
176016	Rock	6.06	15	0.027	<2
176017	Rock	5.98	6	0.017	<2
176018	Rock	7.41	52	0.017	<2
176019	Rock	5.83	52	0.052	<2
176020	Rock	5.48	87	0.254	<2
176021	Rock	4.23	214	0.506	<2
176022	Rock	8.15	45	0.211	<2
176023	Rock	5.50	37	0.077	<2
176024	Rock	8.15	53	0.152	<2
176025	Rock	7.88	24	0.088	<2
176026	Rock	7.41	120	0.374	<2
176027	Rock	5.74	98	0.159	<2
176028	Rock	8.22	19	0.030	<2
176029	Rock	7.24	7	0.007	<2
176030	Rock Pulp	0.05	461	2.544	84
176031	Rock	5.07	100	0.078	<2
176032	Rock	5.53	70	0.341	<2

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Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176033	Rock	5.65	69	0.270	<2
176034	Rock	5.88	34	0.061	<2
176035	Rock	5.71	19	0.067	<2
176036	Rock Pulp	0.05	4	0.002	<2
176037	Rock	6.85	56	0.216	<2
176038	Rock	6.34	116	0.381	2
176039	Rock	6.94	434	0.554	3
176040	Rock	5.97	32	0.082	<2
176041	Rock	6.61	86	0.453	3
176042	Rock	4.61	120	0.361	3
176043	Rock	4.76	253	0.106	<2
176044	Rock	5.79	185	0.540	2
176045	Rock	8.48	13	0.127	<2
176046	Rock	8.15	198	0.548	3
176047	Rock	6.29	120	0.283	3
176048	Rock	5.92	23	0.095	<2
176049	Rock	8.03	113	0.491	2
176050	Rock	9.11	262	0.209	2
176051	Rock	7.33	40	0.414	2
176052	Rock	13.63	47	0.244	3
176053	Rock	5.68	136	0.364	3
176054	Rock	4.87	54	0.387	15
176055	Rock	5.97	128	0.499	3
176056	Rock Pulp	0.05	<2	0.002	<2
176057	Rock	5.53	1023	0.729	4
176058	Rock	8.13	77	0.224	<2
176059	Rock	8.39	61	0.422	<2
176060	Rock	7.36	31	0.292	<2
176061	Rock	10.77	85	0.501	3
176062	Rock	5.29	197	0.047	<2

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Project: Bul River Mine
Report Date: July 30, 2012

CERTIFICATE OF ANALYSIS VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176063	Rock	4.71	308	0.505	3
176064	Rock	5.09	648	0.773	4
176065	Rock	6.89	453	0.472	3
176066	Rock Pulp	0.05	189	0.197	12
176067	Rock	8.06	185	0.529	3
176068	Rock	6.84	106	0.444	3
176069	Rock	7.44	97	0.813	4
176070	Rock	10.37	116	0.296	<2
176071	Rock	4.17	224	0.596	3
176072	Rock	5.13	700	0.749	4
176073	Rock	6.83	58	0.350	2
176074	Rock	6.06	451	0.758	4
176075	Rock	4.38	546	1.092	7
176076	Rock	5.61	15	0.085	<2
176077	Rock	7.67	9	0.030	<2
176078	Rock	7.58	85	0.045	<2
176079	Rock	6.00	81	0.254	<2
176080	Rock	4.17	106	0.420	<2
176081	Rock	6.64	48	0.407	2
176082	Rock	7.62	361	0.325	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

QUALITY CONTROL REPORT VAN12003266.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
70857	Rock	4.93	570	6.575	38
REP 70857	QC		586		
70875	Rock	3.99	38	0.500	4
REP 70875	QC			0.500	4
70900	Rock	5.21	33	0.462	3
REP 70900	QC		36	0.461	2
176004	Rock	4.79	109	0.545	3
REP 176004	QC			0.546	3
176034	Rock	5.88	34	0.061	<2
REP 176034	QC		31		
176035	Rock	5.71	19	0.067	<2
REP 176035	QC			0.066	<2
176067	Rock	8.06	185	0.529	3
REP 176067	QC			0.540	4
176069	Rock	7.44	97	0.813	4
REP 176069	QC		92		
Core Reject Duplicates					
70869	Rock	6.38	196	4.978	33
DUP 70869	QC	<0.01	283	4.978	34
70903	Rock	5.69	19	0.158	<2
DUP 70903	QC	<0.01	17	0.155	<2
176002	Rock	4.26	26	0.134	<2
DUP 176002	QC	<0.01	28	0.134	<2
176070	Rock	10.37	116	0.296	<2
DUP 176070	QC	<0.01	129	0.290	<2
Reference Materials					
STD CDN-ME-9	Standard			0.697	3
STD CDN-ME-14	Standard			1.291	45

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: July 30, 2012

QUALITY CONTROL REPORT VAN12003266.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-9	Standard			0.635	3
STD CDN-ME-14	Standard			1.201	43
STD CDN-ME-14	Standard			1.274	44
STD CDN-ME-9	Standard			0.662	3
STD CDN-ME-9	Standard			0.657	3
STD CDN-ME-14	Standard			1.253	42
STD CDN-ME-14	Standard			1.183	39
STD CDN-ME-9	Standard			0.663	3
STD CDN-ME-14	Standard			1.296	43
STD OXD87	Standard		432		
STD OXD87	Standard		392		
STD OXD87	Standard		376		
STD OXD87	Standard		418		
STD OXD87	Standard		411		
STD OXD87	Standard		428		
STD OXD87	Standard		438		
STD OXD87	Standard		411		
STD OXG99	Standard		944		
STD OXG99	Standard		939		
STD OXG99	Standard		874		
STD OXG99	Standard		901		
STD OXG99	Standard		937		
STD OXG99	Standard		944		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
BLK	Blank			<0.001	<2
BLK	Blank		6		

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Project: Bul River Mine
Report Date: July 30, 2012

QUALITY CONTROL REPORT VAN12003266.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		2		
BLK	Blank		3		
BLK	Blank		4		
BLK	Blank			<0.001	<2
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank			0.002	<2
BLK	Blank			<0.001	<2
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	4	<0.001	<2
G1	Prep Blank	<0.01	6	<0.001	<2

Acme Labs
Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: July 20, 2012
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG I
P.O. Number	
Number of Samples:	169

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	155	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	169	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	169	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
70934	Rock	8.45	23	0.241	<2
70935	Rock	5.81	18	0.137	<2
70936	Rock	5.35	29	0.609	5
70937	Rock	7.20	535	3.402	22
70938	Rock	9.55	22	0.549	3
70939	Rock	6.77	11	0.091	<2
70940	Rock Pulp	0.07	354	3.098	96
70941	Rock	2.80	4	0.033	<2
70942	Rock	4.57	403	5.490	41
70943	Rock	6.09	140	1.242	10
70944	Rock	5.11	184	1.143	8
70945	Rock	4.80	226	0.812	6
70946	Rock	5.52	54	0.297	2
70947	Rock	5.71	31	0.696	5
70948	Rock	4.42	158	2.432	18
70949	Rock	4.49	95	1.268	10
70950	Rock	3.59	4	0.032	<2
70951	Rock	4.37	25	0.289	2
70952	Rock	5.32	235	2.383	23
70953	Rock	4.19	37	1.059	8
70954	Rock	6.03	8	0.060	2
70955	Rock Pulp	0.09	<2	0.002	<2
70956	Rock	3.81	7	0.089	<2
70957	Rock	3.69	271	2.664	24
70958	Rock	4.16	272	1.722	10
70959	Rock	5.02	48	0.335	2
70960	Rock	2.44	6	0.063	<2
70961	Rock	3.28	3	0.075	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70962	Rock	5.28	91	1.422	11
70963	Rock	6.86	196	1.739	13
70964	Rock Pulp	0.07	41	0.933	32
70965	Rock	7.11	199	2.046	16
70966	Rock	7.86	136	3.350	24
70967	Rock	4.49	3	0.029	<2
70968	Rock	5.28	4	0.014	<2
70969	Rock	5.38	7	0.027	<2
70970	Rock	5.32	6	0.014	<2
70971	Rock	3.55	4	0.028	<2
70972	Rock	5.59	17	0.012	<2
70973	Rock	6.41	6	0.036	<2
70974	Rock	4.87	4	0.019	<2
70975	Rock	7.26	5	0.015	<2
70976	Rock	3.39	<2	0.030	<2
70977	Rock	3.54	<2	0.027	<2
70978	Rock	3.88	<2	0.018	<2
70979	Rock	6.91	<2	0.023	<2
70980	Rock	6.11	6	0.026	4
70981	Rock	3.61	<2	0.024	<2
70982	Rock Pulp	0.09	<2	0.002	<2
70983	Rock	4.50	376	0.904	7
70984	Rock	5.35	16	0.277	<2
70985	Rock	4.88	4	0.146	<2
70986	Rock	5.27	159	1.727	14
70987	Rock	4.24	5	0.156	<2
70988	Rock	3.83	214	3.496	29
70989	Rock	5.36	260	1.485	12
70990	Rock	3.87	30	0.371	2
70991	Rock	3.56	677	5.869	51

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Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
70992	Rock	3.65	168	2.388	26
70993	Rock	4.94	356	3.243	27
70994	Rock	3.71	36	0.686	5
70995	Rock	6.73	142	1.766	13
70996	Rock	7.64	106	1.248	11
70997	Rock	2.56	10	0.089	<2
70998	Rock Pulp	0.08	185	0.193	13
70999	Rock	3.49	54	0.598	6
71000	Rock	5.09	96	0.934	9
176083	Rock	4.42	586	0.417	2
176084	Rock	3.28	106	0.019	<2
176085	Rock	6.72	28	0.032	<2
176086	Rock	4.14	51	0.568	3
176087	Rock Pulp	0.06	4232	1.060	98
176088	Rock	4.03	461	0.844	4
176089	Rock	4.60	27	0.033	<2
176090	Rock	4.73	31	0.096	<2
176091	Rock	6.49	10	0.071	<2
176092	Rock	7.39	5	0.030	<2
176093	Rock	6.65	7	0.019	<2
176094	Rock	5.21	232	0.020	<2
176095	Rock	4.99	120	0.489	2
176096	Rock	3.90	17	0.095	<2
176097	Rock Pulp	0.07	<2	0.002	<2
176098	Rock	4.62	20	0.092	<2
176099	Rock	5.38	19	0.112	<2
176100	Rock	4.85	10	0.099	<2
176101	Rock	5.71	19	0.139	<2
176102	Rock	8.27	15	0.021	<2
176103	Rock	6.12	156	0.044	<2

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Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176104	Rock	7.12	14	0.068	<2
176105	Rock	7.24	11	0.027	<2
176106	Rock	6.04	3	0.069	<2
176107	Rock	6.45	1302	3.612	18
176108	Rock	7.53	96	0.317	<2
176109	Rock	6.07	6	0.056	<2
176110	Rock Pulp	0.10	<2	0.002	<2
176111	Rock	7.54	935	2.932	15
176112	Rock	7.33	482	0.040	<2
176113	Rock	7.01	240	0.037	<2
176114	Rock	7.88	88	0.030	<2
176115	Rock	5.75	158	0.600	3
176116	Rock	5.85	13	0.442	2
176117	Rock	5.36	353	0.027	<2
176118	Rock	5.48	22	0.028	<2
176119	Rock	6.89	10	0.035	<2
176120	Rock	4.52	621	5.576	30
176121	Rock	5.31	23	0.182	<2
176122	Rock	5.19	17	0.074	<2
176123	Rock	7.77	145	0.024	<2
176124	Rock Pulp	0.09	37	0.896	32
176125	Rock	5.90	129	0.436	2
176126	Rock	5.99	279	2.271	11
176127	Rock	8.35	168	0.778	4
176128	Rock	7.00	301	2.034	10
176129	Rock	5.77	14	0.173	<2
176130	Rock	5.77	9	0.034	<2
176131	Rock	5.31	22	0.023	<2
176132	Rock	4.42	35	0.041	<2
176133	Rock	5.79	351	0.092	<2

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Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176134	Rock	8.37	32	0.297	<2
176135	Rock Pulp	0.05	<2	0.002	<2
176136	Rock	8.72	75	0.552	2
176137	Rock	6.01	245	2.014	11
176138	Rock	9.59	263	4.676	24
176139	Rock Pulp	0.05	398	3.009	96
176140	Rock	6.30	349	1.899	10
176141	Rock	7.06	282	0.355	2
176142	Rock	4.93	270	0.721	4
176143	Rock	7.30	51	0.054	<2
176144	Rock	9.34	466	0.128	<2
176145	Rock	6.48	34	0.083	<2
176146	Rock	8.74	16	0.066	<2
176147	Rock	8.57	129	0.050	<2
176148	Rock	5.90	308	0.035	<2
176149	Rock	6.87	24	0.034	<2
176150	Rock	5.53	179	0.037	<2
176151	Rock	7.29	116	0.118	<2
176152	Rock	6.78	1691	1.372	8
176153	Rock	6.91	1694	0.791	5
176154	Rock	7.02	2898	0.673	4
176155	Rock	4.64	99	0.390	2
176156	Rock	3.78	67	0.542	3
176157	Rock	4.11	2072	5.169	26
176158	Rock	4.26	1158	1.844	11
176159	Rock	6.00	515	0.737	3
176160	Rock Pulp	0.05	189	0.197	14
176161	Rock	3.83	79	0.126	<2
176162	Rock	6.66	512	2.372	12
176163	Rock	5.69	827	8.676	47

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Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176164	Rock	5.66	784	5.906	32
176165	Rock	7.34	548	0.269	<2
176166	Rock	6.79	45	0.094	<2
176167	Rock	4.96	938	1.754	9
176168	Rock Pulp	0.05	4	0.005	<2
176169	Rock	6.96	329	2.607	14
176170	Rock	5.25	1178	2.824	15
176171	Rock	6.17	798	0.344	<2
176172	Rock	7.42	195	0.161	<2
176173	Rock	7.84	647	1.998	9
176174	Rock	8.94	1646	4.963	23
176175	Rock	5.94	323	0.563	3
176176	Rock	6.16	98	0.074	<2
176177	Rock	7.38	26	0.100	<2
176178	Rock	5.11	25	0.122	<2
176179	Rock	5.95	81	0.344	2
176180	Rock Pulp	0.05	4	0.003	<2
176181	Rock	7.00	507	1.481	8
176182	Rock	5.97	148	0.282	<2
176183	Rock	6.20	194	0.623	3
176184	Rock	9.12	725	3.938	19

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Client: **Bul River Mineral Corporation**
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Project: Bul River Mine
Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003394.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
70934	Rock	8.45	23	0.241	<2
REP 70934	QC		23		
70953	Rock	4.19	37	1.059	8
REP 70953	QC			1.054	8
70968	Rock	5.28	4	0.014	<2
REP 70968	QC		<2		
70988	Rock	3.83	214	3.496	29
REP 70988	QC			3.506	29
176084	Rock	3.28	106	0.019	<2
REP 176084	QC			0.019	<2
176141	Rock	7.06	282	0.355	2
REP 176141	QC			0.360	<2
REP 176155	QC			0.391	<2
176180	Rock Pulp	0.05	4	0.003	<2
REP 176180	QC		3		
Core Reject Duplicates					
70937	Rock	7.20	535	3.402	22
DUP 70937	QC		555	3.528	23
70971	Rock	3.55	4	0.028	<2
DUP 70971	QC	<0.01	7	0.031	<2
176121	Rock	5.31	23	0.182	<2
DUP 176121	QC		25	0.179	<2
176155	Rock	4.64	99	0.390	2
DUP 176155	QC	<0.01	156	0.389	2
Reference Materials					
STD CDN-ME-14	Standard			1.283	46
STD CDN-ME-9	Standard			0.666	3
STD CDN-ME-9	Standard			0.681	3

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QUALITY CONTROL REPORT VAN12003394.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-14	Standard			1.271	45
STD CDN-ME-9	Standard			0.649	3
STD CDN-ME-14	Standard			1.248	45
STD CDN-ME-14	Standard			1.265	44
STD CDN-ME-9	Standard			0.665	3
STD CDN-ME-14	Standard			1.264	45
STD CDN-ME-9	Standard			0.653	3
STD OXD87	Standard		415		
STD OXD87	Standard		414		
STD OXD87	Standard		382		
STD OXD87	Standard		403		
STD OXD87	Standard		389		
STD OXD87	Standard		426		
STD OXD87	Standard		416		
STD OXD87	Standard		413		
STD OXD87	Standard		379		
STD OXD87	Standard		430		
STD OXD87	Standard		410		
STD OXG99	Standard		900		
STD OXG99	Standard		923		
STD OXG99	Standard		903		
STD OXG99	Standard		995		
STD OXG99	Standard		863		
STD OXG99	Standard		888		
STD OXG99	Standard		955		
STD OXG99	Standard		960		
STD OXG99	Standard		858		
STD OXG99	Standard		954		
STD OXG99	Standard		926		

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QUALITY CONTROL REPORT VAN12003394.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
STD OXD87 Expected			417		
STD OXG99 Expected			932		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			0.001	<2
BLK	Blank		<2		
BLK	Blank		4		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		

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QUALITY CONTROL REPORT VAN12003394.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
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Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 20, 2012
Report Date:	August 13, 2012
Page:	1 of 5

CERTIFICATE OF ANALYSIS VAN12003395.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG I
P.O. Number	
Number of Samples:	111

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	102	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	111	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	111	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
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Canada

CC:

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	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
177501	Rock	2.74	57	0.861	8
177502	Rock	3.14	2	0.034	<2
177503	Rock	3.60	21	0.234	<2
177504	Rock	8.05	154	1.881	16
177505	Rock	4.29	<2	0.153	<2
177506	Rock	5.80	33	0.914	10
177507	Rock	7.27	25	0.724	7
177508	Rock Pulp	0.06	<2	0.002	<2
177509	Rock	5.56	30	0.269	6
177510	Rock	4.91	47	0.672	9
177511	Rock	4.28	150	1.394	13
177512	Rock	3.76	80	1.101	11
177513	Rock	5.08	60	1.337	14
177514	Rock	3.81	43	0.400	3
177515	Rock	5.46	50	0.638	7
177516	Rock	7.34	4	0.077	<2
177517	Rock	4.17	9	0.120	<2
177518	Rock Pulp	0.08	412	2.958	94
177519	Rock	4.79	70	1.200	12
177520	Rock	8.40	183	2.283	18
177521	Rock	3.36	<2	0.075	<2
177522	Rock	4.96	<2	0.028	<2
177523	Rock	3.70	<2	0.035	<2
177524	Rock	1.43	<2	0.022	<2
177525	Rock	3.66	118	0.909	9
177526	Rock	4.15	24	0.299	4
177527	Rock	4.93	94	0.696	7
177528	Rock	5.83	167	2.308	18

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Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003395.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177529	Rock	9.23	203	2.334	19
177530	Rock	6.52	36	0.136	<2
177531	Rock	5.01	38	0.520	4
177532	Rock	10.27	258	2.825	21
177533	Rock	4.87	30	0.218	<2
177534	Rock	5.41	54	0.531	5
177535	Rock Pulp	0.11	<2	0.002	<2
177536	Rock	3.94	453	3.422	30
177537	Rock	4.74	11	0.216	<2
177538	Rock	5.08	75	1.418	12
177539	Rock	4.01	19	0.292	<2
177540	Rock	5.50	49	1.595	11
177541	Rock	9.68	74	1.708	11
177542	Rock Pulp	0.08	4399	1.078	104
177543	Rock	9.57	550	7.031	53
177544	Rock	6.29	2139	14.27	136
177545	Rock	5.63	116	1.709	12
177546	Rock	5.38	398	3.479	32
177547	Rock	2.94	61	1.004	5
177548	Rock	7.78	196	2.573	21
177549	Rock	6.36	45	1.001	9
177550	Rock	9.75	61	0.766	5
177551	Rock	4.97	99	0.933	7
177552	Rock	7.95	224	4.612	33
177553	Rock	7.64	302	9.536	71
177554	Rock	3.64	751	3.771	27
177555	Rock	3.93	17	0.210	<2
177556	Rock	6.27	137	0.727	<2
177557	Rock	6.12	281	2.761	21
177558	Rock	6.07	342	2.442	18

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003395.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177559	Rock	5.74	658	6.405	65
177560	Rock Pulp	0.06	2	0.005	<2
177561	Rock	8.02	967	5.201	41
177562	Rock	10.55	1162	10.83	149
177563	Rock	8.46	170	4.405	37
177564	Rock	5.55	69	0.616	4
177565	Rock	12.07	2291	12.39	107
177566	Rock	8.79	1195	10.16	84
177567	Rock	8.98	447	3.958	43
177568	Rock	6.00	98	1.199	7
177569	Rock	5.71	109	0.628	5
177570	Rock Pulp	0.10	42	0.916	34
177571	Rock	4.89	89	0.664	6
177572	Rock	8.45	67	0.673	7
177573	Rock	9.11	82	1.625	13
177574	Rock	10.31	118	2.116	15
177575	Rock	8.48	618	9.170	70
177576	Rock	5.83	106	3.580	27
177577	Rock	7.06	156	1.427	11
177578	Rock	6.17	541	4.257	32
177579	Rock Pulp	0.09	2	0.004	<2
177580	Rock	3.83	890	2.609	21
177581	Rock	4.83	301	3.389	36
177582	Rock	4.21	381	3.909	29
177583	Rock	7.46	1384	4.900	37
177584	Rock	9.08	41	1.267	10
177585	Rock	10.04	176	1.035	9
177586	Rock	6.83	79	1.266	10
177587	Rock	7.42	733	1.631	14
177588	Rock	7.19	344	6.741	55

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Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003395.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177589	Rock Pulp	0.08	200	0.191	13
177590	Rock	4.07	623	5.229	42
177591	Rock	8.63	53	0.898	7
177592	Rock	5.68	49	0.644	5
177593	Rock	6.36	28	0.284	3
177594	Rock	5.43	188	2.893	21
177595	Rock	4.21	163	2.071	16
177596	Rock	7.48	56	0.923	8
177597	Rock	3.35	85	0.824	7
177598	Rock	6.71	170	0.604	5
177599	Rock	7.63	73	1.299	11
177600	Rock	5.46	94	3.350	24
177601	Rock	7.49	223	3.241	23
177602	Rock	5.94	114	2.014	15
177603	Rock	2.28	203	2.690	20
177604	Rock	2.56	189	4.202	32
177605	Rock	4.81	167	5.176	37
177606	Rock	8.16	109	1.156	8
177607	Rock	5.32	83	0.471	4
177608	Rock	4.10	528	4.956	42
177609	Rock Pulp	0.11	3	0.002	<2
177610	Rock	5.66	69	0.925	6
177611	Rock	8.94	221	2.330	16

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Box 845
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Project: Bul River Mine
Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003395.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
177507	Rock	7.27	25	0.724	7
REP 177507	QC		20		
177515	Rock	5.46	50	0.638	7
REP 177515	QC			0.644	8
177550	Rock	9.75	61	0.766	5
REP 177550	QC			0.770	5
177600	Rock	5.46	94	3.350	24
REP 177600	QC			3.335	24
Core Reject Duplicates					
177525	Rock	3.66	118	0.909	9
DUP 177525	QC	<0.01	138	0.901	10
177559	Rock	5.74	658	6.405	65
DUP 177559	QC	<0.01	646	6.034	62
177593	Rock	6.36	28	0.284	3
DUP 177593	QC	<0.01	36	0.276	2
Reference Materials					
STD CDN-ME-9	Standard			0.673	4
STD CDN-ME-14	Standard			1.256	44
STD CDN-ME-14	Standard			1.288	46
STD CDN-ME-9	Standard			0.660	3
STD CDN-ME-9	Standard			0.642	3
STD CDN-ME-14	Standard			1.242	43
STD CDN-ME-9	Standard			0.647	2
STD CDN-ME-14	Standard			1.291	44
STD OXD87	Standard		415		
STD OXD87	Standard		390		
STD OXD87	Standard		391		
STD OXD87	Standard		403		

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Project: Bul River Mine
Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003395.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXD87	Standard		412		
STD OXD87	Standard		416		
STD OXD87	Standard		413		
STD OXG99	Standard		921		
STD OXG99	Standard		963		
STD OXG99	Standard		921		
STD OXG99	Standard		965		
STD OXG99	Standard		995		
STD OXG99	Standard		966		
STD OXG99	Standard		955		
STD OXG99	Standard		960		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		4		

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Project: Bul River Mine
Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003395.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank			<0.001	<2
BLK	Blank			0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 24, 2012
Report Date:	August 13, 2012
Page:	1 of 8

CERTIFICATE OF ANALYSIS VAN12003444.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG J
P.O. Number	
Number of Samples:	187

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	171	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	187	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	187	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
176185	Rock	4.42	30	0.128	<2
176186	Rock	4.41	735	0.344	<2
176187	Rock	6.29	227	1.206	6
176188	Rock	8.67	2854	5.676	34
176189	Rock	7.29	16	0.088	<2
176190	Rock	7.63	47	0.181	<2
176191	Rock Pulp	0.05	401	3.164	100
176192	Rock	4.26	85	0.386	2
176193	Rock	4.15	32	0.269	<2
176194	Rock	3.94	620	4.231	25
176195	Rock	4.53	258	0.625	<2
176196	Rock	6.56	1246	1.096	5
176197	Rock	4.60	564	1.441	8
176198	Rock	5.38	102	0.644	2
176199	Rock	6.63	444	0.355	3
176200	Rock	5.33	72	0.378	3
176201	Rock	5.76	51	0.461	<2
176202	Rock	7.72	111	0.717	<2
176203	Rock	4.04	284	0.461	2
176204	Rock	3.38	194	0.373	5
176205	Rock	5.28	38	0.143	3
176206	Rock Pulp	0.05	2	0.002	<2
176207	Rock	5.08	89	0.281	<2
176208	Rock	5.75	74	0.490	3
176209	Rock	6.89	41	0.379	<2
176210	Rock	7.35	42	0.065	<2
176211	Rock	6.93	771	1.266	7
176212	Rock	5.76	507	0.506	3

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Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176213	Rock	5.51	163	0.510	3
176214	Rock	5.17	33	0.264	<2
176215	Rock	7.20	920	1.323	9
176216	Rock Pulp	0.05	39	0.965	33
176217	Rock	4.83	8	0.036	<2
176218	Rock	7.42	9	0.085	<2
176219	Rock	5.33	13	0.032	<2
176220	Rock	9.00	9	0.029	<2
176221	Rock	7.75	24	0.229	2
176222	Rock	6.34	49	0.864	6
176223	Rock	7.40	9	0.016	<2
176224	Rock	4.57	17	0.015	<2
176225	Rock	4.10	5	0.004	<2
176226	Rock	4.49	5	0.005	<2
176227	Rock	5.03	7	0.011	<2
176228	Rock	5.43	6	0.014	<2
176229	Rock	5.54	8	0.015	<2
176230	Rock	6.38	12	0.006	<2
176231	Rock	6.57	99	0.682	2
176232	Rock	4.53	19	0.012	<2
176233	Rock	5.74	15	0.040	<2
176234	Rock Pulp	0.05	3	0.001	<2
176235	Rock	5.00	1575	0.126	<2
176236	Rock	7.58	338	0.504	2
176237	Rock	6.36	50	0.360	3
176238	Rock	6.92	29	0.163	<2
176239	Rock	8.01	3004	11.23	49
176240	Rock	6.23	174	1.048	5
176241	Rock Pulp	0.05	4510	1.094	104
176242	Rock	6.72	574	1.349	6

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Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176243	Rock	7.57	15	0.047	<2
176244	Rock	6.86	113	0.138	<2
176245	Rock	7.61	82	0.216	<2
176246	Rock	10.17	309	1.273	8
176247	Rock	5.85	78	0.312	<2
176248	Rock	4.94	184	0.695	4
176249	Rock	6.39	770	2.551	12
176250	Rock	7.98	1230	4.466	24
176251	Rock Pulp	0.05	2	0.007	<2
177612	Rock	<0.01	682	7.537	57
177613	Rock	8.84	75	0.495	14
177614	Rock	<0.01	669	2.800	30
177615	Rock	8.80	802	4.700	40
177616	Rock	7.03	529	5.423	45
177617	Rock Pulp	0.05	389	2.980	97
177618	Rock	8.57	476	3.859	33
177619	Rock	7.75	201	0.878	15
177620	Rock	6.56	162	2.730	32
177621	Rock	8.47	212	1.602	24
177622	Rock	6.34	88	1.006	10
177623	Rock	8.64	10	0.176	<2
177624	Rock	7.26	488	9.490	92
177625	Rock	4.30	71	5.121	54
177626	Rock	8.70	124	1.601	21
177627	Rock	7.29	82	0.624	5
177628	Rock	5.89	88	0.717	5
177629	Rock	8.92	425	1.607	12
177630	Rock	10.99	226	2.823	20
177631	Rock	4.21	160	0.690	5
177632	Rock	7.11	478	2.141	51

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Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177633	Rock	9.20	79	0.692	7
177634	Rock Pulp	0.05	<2	0.003	<2
177635	Rock	5.96	121	0.447	3
177636	Rock	4.06	31	0.238	2
177637	Rock	5.80	52	0.570	4
177638	Rock	7.19	271	2.111	15
177639	Rock	4.99	213	3.652	25
177640	Rock	6.72	85	1.125	13
177641	Rock	4.36	264	2.625	22
177642	Rock	8.50	437	6.407	48
177643	Rock	7.17	6	0.157	<2
177644	Rock	3.83	73	0.605	61
177645	Rock	6.19	66	0.899	8
177646	Rock	8.21	533	2.150	17
177647	Rock Pulp	0.05	4991	1.041	103
177648	Rock	5.62	446	4.710	36
177649	Rock	5.30	339	1.575	18
177650	Rock	6.49	1479	7.644	61
177651	Rock	6.85	782	5.047	36
177652	Rock	6.22	241	4.429	30
177653	Rock	4.42	<2	0.124	<2
177654	Rock	4.82	48	0.668	5
177655	Rock	4.81	152	1.504	11
177656	Rock	8.68	324	1.539	17
177657	Rock	6.78	30	0.268	<2
177658	Rock	4.97	1661	5.904	46
177659	Rock	8.57	775	7.320	58
177660	Rock Pulp	0.05	<2	0.005	<2
177661	Rock	4.84	77	1.084	9
177662	Rock	5.54	682	5.157	43

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CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177663	Rock	5.43	468	4.486	35
177664	Rock	4.20	239	1.524	9
177665	Rock	6.02	614	6.103	49
177666	Rock	6.26	164	1.467	13
177667	Rock	4.48	167	2.071	17
177668	Rock	7.69	59	0.710	6
177669	Rock Pulp	0.05	43	0.995	33
177670	Rock	8.10	706	9.734	84
177671	Rock	6.16	22	0.194	<2
177672	Rock	7.16	396	4.992	36
177673	Rock	8.73	164	1.586	12
177674	Rock	7.17	60	0.820	6
177675	Rock	9.14	217	1.884	16
177676	Rock	9.07	313	2.686	21
177677	Rock	4.45	19	0.235	<2
177678	Rock	5.69	305	6.792	56
177679	Rock	4.01	419	4.806	37
177680	Rock	7.72	933	4.535	37
177681	Rock	4.20	130	0.880	6
177682	Rock	8.49	137	1.390	12
177683	Rock Pulp	0.05	8	0.003	<2
177684	Rock	4.43	79	1.070	10
177685	Rock	8.63	130	1.506	18
177686	Rock	9.68	279	2.860	23
177687	Rock	5.02	10	0.031	<2
177688	Rock	3.22	46	0.588	4
177689	Rock	7.50	211	2.148	21
177690	Rock	6.33	356	6.008	47
177691	Rock Pulp	0.05	175	0.196	13
177692	Rock	6.07	760	10.21	85

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CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177693	Rock	4.70	82	0.695	4
177694	Rock	2.06	24	0.303	<2
177695	Rock	4.41	195	2.423	18
177696	Rock	4.67	289	2.658	24
177697	Rock	5.31	1057	4.974	45
177698	Rock	7.99	4	0.037	<2
177699	Rock	6.80	6	0.054	<2
177700	Rock	5.58	16	0.174	<2
177701	Rock	6.18	191	2.821	23
177702	Rock	6.42	250	2.860	28
177703	Rock	7.61	34	0.418	5
177704	Rock	8.23	196	2.904	22
177705	Rock	6.77	225	5.070	41
177706	Rock	6.19	226	0.537	4
177707	Rock	7.31	279	2.314	20
177708	Rock	4.77	550	5.483	49
177709	Rock Pulp	0.05	7	0.005	<2
177710	Rock	8.76	272	4.651	41
177711	Rock	8.88	17	0.098	<2
177712	Rock	5.04	53	0.401	3
177713	Rock	5.08	504	4.855	51
177714	Rock	7.93	591	8.803	86
177715	Rock	4.73	38	0.347	4
177716	Rock	4.55	16	0.200	<2
177717	Rock Pulp	0.05	354	3.006	97
177718	Rock	3.66	27	0.186	3
177719	Rock	5.89	139	1.268	12
177720	Rock	4.69	436	5.038	42
177721	Rock	7.78	91	1.267	13
177722	Rock	6.74	295	2.554	22

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

CERTIFICATE OF ANALYSIS VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177723	Rock	4.70	7	0.075	<2
177724	Rock	5.11	74	0.717	6
177725	Rock	5.76	209	1.841	18
177726	Rock	4.44	139	2.612	24
177727	Rock	5.43	621	2.018	18
177728	Rock Pulp	0.05	7	0.001	<2
177729	Rock	3.94	206	2.408	19
177730	Rock	3.20	64	1.744	15
177731	Rock	4.34	1773	2.991	25

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003444.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
176197	Rock	4.60	564	1.441	8
REP 176197	QC			1.439	6
176210	Rock	7.35	42	0.065	<2
REP 176210	QC		31		
REP 176226	QC		5		
176250	Rock	7.98	1230	4.466	24
REP 176250	QC			4.456	23
177627	Rock	7.29	82	0.624	5
REP 177627	QC			0.616	4
177639	Rock	4.99	213	3.652	25
REP 177639	QC		207		
177653	Rock	4.42	<2	0.124	<2
REP 177653	QC			0.126	<2
177684	Rock	4.43	79	1.070	10
REP 177684	QC		82		
REP 177688	QC			0.595	4
177718	Rock	3.66	27	0.186	3
REP 177718	QC		29		
REP 177722	QC			2.573	22
Core Reject Duplicates					
176192	Rock	4.26	85	0.386	2
DUP 176192	QC	<0.01	64	0.385	4
176226	Rock	4.49	5	0.005	<2
DUP 176226	QC	<0.01	6	0.005	<2
177620	Rock	6.56	162	2.730	32
DUP 177620	QC	<0.01	233	2.734	32
177654	Rock	4.82	48	0.668	5
DUP 177654	QC	<0.01	150	0.646	4

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QUALITY CONTROL REPORT VAN12003444.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
177688	Rock	3.22	46	0.588	4
DUP 177688	QC	<0.01	40	0.580	3
177722	Rock	6.74	295	2.554	22
DUP 177722	QC	<0.01	338	2.528	22
Reference Materials					
STD CDN-ME-14	Standard			1.268	45
STD CDN-ME-9	Standard			0.672	<2
STD CDN-ME-14	Standard			1.279	46
STD CDN-ME-9	Standard			0.670	3
STD CDN-ME-9	Standard			0.656	4
STD CDN-ME-14	Standard			1.226	45
STD CDN-ME-14	Standard			1.226	44
STD CDN-ME-9	Standard			0.662	5
STD CDN-ME-9	Standard			0.663	5
STD CDN-ME-14	Standard			1.295	45
STD CDN-ME-14	Standard			1.322	46
STD CDN-ME-9	Standard			0.685	3
STD OXD87	Standard		440		
STD OXD87	Standard		426		
STD OXD87	Standard		415		
STD OXD87	Standard		382		
STD OXD87	Standard		391		
STD OXD87	Standard		423		
STD OXD87	Standard		411		
STD OXD87	Standard		412		
STD OXD87	Standard		426		
STD OXG99	Standard		849		
STD OXG99	Standard		953		
STD OXG99	Standard		926		

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Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003444.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXG99	Standard		904		
STD OXG99	Standard		878		
STD OXG99	Standard		954		
STD OXG99	Standard		967		
STD OXG99	Standard		979		
STD OXG99	Standard		966		
STD OXG99	Standard		888		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		4		
BLK	Blank		4		
BLK	Blank		2		
BLK	Blank		2		
BLK	Blank		3		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		7		
BLK	Blank			0.002	<2
BLK	Blank		<2		
BLK	Blank		<2		

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Report Date: August 13, 2012

QUALITY CONTROL REPORT VAN12003444.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			0.004	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	July 26, 2012
Report Date:	August 10, 2012
Page:	1 of 8

CERTIFICATE OF ANALYSIS VAN12003514.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG K
P.O. Number	
Number of Samples:	207

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	191	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	207	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	207	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
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Project: Bul River Mine
Report Date: August 10, 2012

CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	0.002	<2
G1	Prep Blank	<0.01	<2	0.002	<2
176252	Rock	4.35	34	0.285	<2
176253	Rock	6.24	350	2.386	12
176254	Rock	7.00	3228	3.080	14
176255	Rock	8.93	583	2.618	13
176256	Rock	9.30	553	1.546	9
176257	Rock	5.89	278	0.647	4
176258	Rock	7.27	206	0.575	3
176259	Rock	5.25	14	0.050	<2
176260	Rock	5.70	754	2.247	11
176261	Rock	6.01	355	1.377	7
176262	Rock	6.49	71	0.904	4
176263	Rock	5.28	226	1.500	6
176264	Rock	11.34	97	0.725	4
176265	Rock	6.51	51	0.253	<2
176266	Rock Pulp	0.05	396	3.020	93
176267	Rock	6.95	6	0.021	<2
176268	Rock	7.50	727	0.815	6
176269	Rock	7.13	520	2.693	14
176270	Rock	4.78	160	0.902	5
176271	Rock	3.31	424	1.188	7
176272	Rock	3.67	97	0.534	3
176273	Rock	4.81	12	0.073	<2
176274	Rock	5.74	39	0.070	<2
176275	Rock	5.60	389	0.780	4
176276	Rock	7.06	4806	9.409	52
176277	Rock	5.16	479	1.980	11
176278	Rock	7.83	659	2.644	15
176279	Rock	5.33	385	1.525	8

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Project: Bul River Mine
Report Date: August 10, 2012

CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176280	Rock	6.18	2724	4.464	22
176281	Rock	9.85	150	0.471	4
176282	Rock	6.44	1303	4.535	35
176283	Rock	6.78	906	0.921	6
176284	Rock	7.54	451	0.602	4
176285	Rock	7.33	22	0.129	<2
176286	Rock Pulp	0.05	<2	0.002	<2
176287	Rock	4.99	119	0.594	3
176288	Rock	5.59	28	0.173	<2
176289	Rock	8.52	4	0.025	<2
176290	Rock	5.38	34	0.154	<2
176291	Rock	5.17	145	1.909	9
176292	Rock	<0.01	1007	4.943	28
176293	Rock	5.45	76	0.447	2
176294	Rock	8.21	14	0.085	<2
176295	Rock	6.51	93	0.859	4
176296	Rock	5.25	972	5.456	28
176297	Rock	4.82	1705	4.902	25
176298	Rock	5.88	204	0.826	5
176299	Rock Pulp	0.05	217	0.191	12
176300	Rock	4.18	385	1.098	7
176301	Rock	7.41	251	1.370	8
176302	Rock	8.97	184	1.419	14
176303	Rock	7.25	1783	6.335	32
176304	Rock	7.67	1280	4.428	22
176305	Rock Pulp	0.05	<2	0.005	<2
176306	Rock	4.74	508	2.964	15
176307	Rock	5.92	851	4.724	24
176308	Rock	4.96	913	3.576	21
176309	Rock	4.96	275	1.360	8

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Report Date: August 10, 2012

CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176310	Rock	5.57	61	0.240	<2
176311	Rock	5.45	73	0.229	<2
176312	Rock	6.13	419	0.588	3
176313	Rock	6.39	168	0.478	3
176314	Rock Pulp	0.05	33	0.889	34
176315	Rock	6.95	799	0.662	4
176316	Rock	6.18	909	4.245	22
176317	Rock	6.87	25	0.054	<2
176318	Rock	4.81	14	0.042	<2
176319	Rock	6.71	251	1.739	8
176320	Rock	5.91	766	2.502	13
176321	Rock	5.85	1087	2.221	12
176322	Rock	7.32	510	0.648	9
176323	Rock	7.83	4703	0.537	3
176324	Rock	5.85	519	1.757	9
176325	Rock	8.78	1180	3.845	22
176326	Rock	8.25	829	3.263	17
176327	Rock	5.97	813	7.952	43
176328	Rock	4.81	826	0.894	5
176329	Rock	6.19	1369	5.998	31
176330	Rock	5.66	6170	4.193	25
176331	Rock	8.04	177	0.554	4
176332	Rock	5.52	66	0.244	<2
176333	Rock	6.02	536	1.299	6
176334	Rock	8.66	568	1.118	7
176335	Rock Pulp	0.05	836	3.001	97
176336	Rock	6.57	869	2.825	14
176337	Rock	9.24	99	0.522	3
176338	Rock	4.19	23	0.140	<2
176339	Rock	4.80	66	0.584	3

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Report Date: August 10, 2012

CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176340	Rock	4.59	833	3.475	18
176341	Rock Pulp	0.05	<2	0.001	<2
176342	Rock	5.23	203	1.271	7
176343	Rock	4.55	49	0.423	3
176344	Rock	5.48	79	0.478	3
177732	Rock	4.77	180	1.944	24
177733	Rock	5.49	22	0.346	5
177734	Rock	5.88	558	6.279	94
177735	Rock	6.29	633	7.130	97
177736	Rock	4.81	36	0.172	4
177737	Rock	5.36	65	1.240	16
177738	Rock	4.14	5	0.088	2
177739	Rock	4.85	13	0.125	<2
177740	Rock Pulp	0.05	4626	1.074	104
177741	Rock	4.88	9	0.061	3
177742	Rock	3.89	85	2.155	27
177743	Rock	4.59	256	5.289	70
177744	Rock	2.21	760	11.90	160
177745	Rock	4.49	60	1.547	18
177746	Rock	5.02	153	1.492	18
177747	Rock	3.63	46	0.103	<2
177748	Rock	4.61	111	2.073	26
177749	Rock	6.92	14	0.061	<2
177750	Rock	5.66	3	0.051	<2
177751	Rock	3.48	45	1.209	15
177752	Rock	5.40	75	0.863	12
177753	Rock	5.44	900	4.660	62
177754	Rock	5.74	11	0.057	<2
177755	Rock	5.86	7	0.087	<2
177756	Rock	5.32	214	1.775	26

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CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177757	Rock Pulp	0.05	2	0.003	<2
177758	Rock	5.09	716	5.779	77
177759	Rock	3.70	13	0.105	<2
177760	Rock	6.32	45	0.605	6
177761	Rock	6.19	313	4.441	57
177762	Rock Pulp	0.05	40	0.953	35
177763	Rock	4.35	74	0.920	11
177764	Rock	4.12	98	1.126	18
177765	Rock	4.88	11	0.101	2
177766	Rock	3.67	27	0.413	6
177767	Rock	4.28	107	3.447	40
177768	Rock	6.95	66	1.102	12
177769	Rock	5.66	10	0.128	2
177770	Rock	5.80	13	0.064	<2
177771	Rock	8.42	17	0.053	<2
177772	Rock	7.61	181	2.627	30
177773	Rock	4.73	10	0.226	<2
177774	Rock	5.28	98	1.824	20
177775	Rock	10.46	82	1.427	15
177776	Rock Pulp	0.05	<2	0.002	<2
177777	Rock	5.90	6	0.044	<2
177778	Rock	4.51	9	0.134	<2
177779	Rock	5.21	2	0.026	<2
177780	Rock	7.44	299	1.783	17
177781	Rock	7.21	9	0.078	<2
177782	Rock	5.55	91	1.269	8
177783	Rock	5.97	115	1.271	9
177784	Rock	6.05	6	0.126	<2
177785	Rock	6.27	13	0.128	<2
177786	Rock	10.88	131	2.384	20

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CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177787	Rock Pulp	0.05	188	0.195	11
177788	Rock	9.11	24	0.299	<2
177789	Rock	10.60	108	1.486	6
177790	Rock	4.21	72	0.927	6
177791	Rock	4.97	15	0.145	<2
177792	Rock	3.98	127	1.658	13
177793	Rock	2.39	44	0.573	6
177794	Rock	3.60	30	0.299	7
177795	Rock	3.60	45	0.399	8
177796	Rock	6.31	30	0.120	<2
177797	Rock	3.06	142	0.543	11
177798	Rock	2.45	6	0.017	<2
177799	Rock	2.83	320	1.098	11
177800	Rock	3.21	30	0.171	<2
177801	Rock	1.48	39	0.397	<2
177802	Rock	1.58	143	0.962	7
177803	Rock	2.97	660	4.463	35
177804	Rock	3.96	42	0.328	3
177805	Rock	2.07	9	0.044	<2
177806	Rock	5.48	46	0.722	5
177807	Rock	2.88	115	0.605	6
177808	Rock	3.24	59	0.654	4
177809	Rock	3.89	8	0.032	<2
177810	Rock Pulp	0.05	<2	0.002	<2
177811	Rock	2.75	6	0.068	<2
177812	Rock	4.54	3	0.033	2
177813	Rock	3.17	<2	0.006	<2
177814	Rock	4.23	236	4.148	38
177815	Rock	4.92	507	4.294	34
177816	Rock	3.19	679	6.330	56

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Report Date: August 10, 2012

CERTIFICATE OF ANALYSIS VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177817	Rock	4.61	189	1.277	10
177818	Rock	7.45	162	1.500	14
177819	Rock	3.55	70	0.420	4
177820	Rock	5.30	169	1.436	12
177821	Rock	3.90	34	0.591	4
177822	Rock	5.03	97	1.224	12
177823	Rock Pulp	0.05	4390	1.094	103
177824	Rock	7.94	170	1.814	13
177825	Rock	7.05	198	0.546	6
177826	Rock	7.30	129	0.106	3
177827	Rock	8.18	36	0.404	3
177828	Rock	5.27	101	0.421	3
177829	Rock	6.90	37	0.223	2
177830	Rock Pulp	0.05	<2	0.002	<2
177831	Rock	5.43	62	0.350	3
177832	Rock	6.24	181	6.216	44
177833	Rock	6.49	123	0.690	5
177834	Rock	7.02	288	0.825	7
177835	Rock	4.20	107	0.167	<2
177836	Rock	6.54	2668	0.650	6
177837	Rock	5.06	192	0.130	<2
177838	Rock	5.62	238	0.096	<2
177839	Rock	5.98	769	0.680	6
177840	Rock	4.87	98	0.292	3
177841	Rock Pulp	0.05	512	3.181	99
177842	Rock	6.22	228	0.080	<2
177843	Rock	4.59	632	0.097	<2
177844	Rock	5.67	720	0.609	5
177845	Rock	6.57	28	0.217	<2

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Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 10, 2012

QUALITY CONTROL REPORT VAN12003514.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
176256	Rock	9.30	553	1.546	9
REP 176256	QC		580		
176278	Rock	7.83	659	2.644	15
REP 176278	QC			2.722	14
176307	Rock	5.92	851	4.724	24
REP 176307	QC			4.717	24
177735	Rock	6.29	633	7.130	97
REP 177735	QC			7.119	97
177770	Rock	5.80	13	0.064	<2
REP 177770	QC			0.064	<2
REP 177805	QC			0.043	<2
177814	Rock	4.23	236	4.148	38
REP 177814	QC		242		
177824	Rock	7.94	170	1.814	13
REP 177824	QC			1.869	13
Core Reject Duplicates					
176282	Rock	6.44	1303	4.535	35
DUP 176282	QC	<0.01	1378	4.539	23
176316	Rock	6.18	909	4.245	22
DUP 176316	QC	<0.01	1034	4.319	23
177737	Rock	5.36	65	1.240	16
DUP 177737	QC	<0.01	71	1.293	16
177771	Rock	8.42	17	0.053	<2
DUP 177771	QC	<0.01	17	0.057	<2
177805	Rock	2.07	9	0.044	<2
DUP 177805	QC	<0.01	6	0.041	<2
177839	Rock	5.98	769	0.680	6
DUP 177839	QC	<0.01	903	0.825	8

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 10, 2012

QUALITY CONTROL REPORT VAN12003514.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
Reference Materials					
STD CDN-ME-14	Standard			1.319	46
STD CDN-ME-9	Standard			0.681	3
STD CDN-ME-9	Standard			0.677	2
STD CDN-ME-14	Standard			1.289	44
STD CDN-ME-9	Standard			0.678	3
STD CDN-ME-14	Standard			1.232	45
STD CDN-ME-14	Standard			1.250	46
STD CDN-ME-9	Standard			0.661	4
STD CDN-ME-9	Standard			0.676	3
STD CDN-ME-14	Standard			1.280	44
STD CDN-ME-9	Standard			0.645	3
STD CDN-ME-14	Standard			1.234	44
STD OXD87	Standard		390		
STD OXD87	Standard		412		
STD OXD87	Standard		415		
STD OXD87	Standard		421		
STD OXD87	Standard		412		
STD OXD87	Standard		412		
STD OXD87	Standard		425		
STD OXD87	Standard		426		
STD OXG99	Standard		963		
STD OXG99	Standard		915		
STD OXG99	Standard		926		
STD OXG99	Standard		891		
STD OXG99	Standard		1000		
STD OXG99	Standard		972		
STD OXG99	Standard		919		
STD OXG99	Standard		965		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 10, 2012

QUALITY CONTROL REPORT VAN12003514.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD OXG99	Standard		966		
STD OXG99	Standard		999		
STD OXG99	Standard		888		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
BLK	Blank		<2		
BLK	Blank		3		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		6		
BLK	Blank		43		
BLK	Blank			0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 10, 2012

QUALITY CONTROL REPORT VAN12003514.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			0.002	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	0.002	<2
G1	Prep Blank	<0.01	<2	0.002	<2

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	August 23, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003775.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE REJECTS M
P.O. Number	
Number of Samples:	16

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	16	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	16	Analysis sample split/packet			VAN
Split -150	16	Analysis sample split/packet			VAN
G602	16	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003775.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.01	<0.005	<0.005	24.11	<0.01
G1	Prep Blank	<0.01	0.006	<0.005	25.06	<0.01
71484	Drill Core	0.71	0.337	0.006	23.87	0.33
71485	Drill Core	0.60	3.106	0.079	25.18	3.11
71486	Drill Core	0.75	1.240	0.082	24.65	1.35
71487	Drill Core	0.94	2.931	0.172	24.41	3.12
71488	Drill Core	0.60	0.818	0.099	26.39	0.97
71489	Drill Core	0.79	0.939	0.231	26.55	1.39
71490	Drill Core	0.69	1.651	0.347	26.16	2.25
71497	Drill Core	0.86	0.677	0.182	24.98	1.01
176369	Drill Core	1.26	6.495	1.547	24.60	9.22
176371	Drill Core	1.64	1.222	0.147	24.39	1.44
176372	Drill Core	0.72	0.712	0.021	24.96	0.72
176373	Drill Core	1.07	0.544	0.032	24.09	0.58
176374	Drill Core	0.92	0.171	0.009	24.66	0.18
176375	Drill Core	1.02	0.559	0.160	24.99	0.85
176376	Drill Core	1.36	0.252	0.012	26.63	0.26
176377	Drill Core	1.02	0.770	0.052	24.21	0.84

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

QUALITY CONTROL REPORT VAN12003775.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
71484	Drill Core	0.71	0.337	0.006	23.87	0.33
Reference Materials						
STD OXP91	Standard			0.450	30.01	
STD OXP91	Standard			0.454	30.00	
BLK	Blank			<0.005	30.00	
BLK	Blank			<0.005	30.00	
Prep Wash						
G1	Prep Blank	<0.01	<0.005	<0.005	24.11	<0.01
G1	Prep Blank	<0.01	0.006	<0.005	25.06	<0.01

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	August 27, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003776.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE REJECTS M
P.O. Number	
Number of Samples:	10

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	10	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	10	Analysis sample split/packet			VAN
Split -150	10	Analysis sample split/packet			VAN
G602	10	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 27, 2012

CERTIFICATE OF ANALYSIS VAN12003776.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.24	<0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.46	<0.01
176378	Core Reject	0.82	>10	2.375	24.67	14.91
176379	Core Reject	0.75	>10	9.694	26.17	94877
176380	Core Reject	1.02	0.899	0.172	24.59	1.18
176381	Core Reject	0.84	2.006	0.605	25.90	3.04
176382	Core Reject	0.68	0.249	0.028	24.32	0.29
176383	Core Reject	1.05	1.888	0.288	26.09	2.35
176384	Core Reject	1.41	1.187	0.029	23.90	1.19
176386	Core Reject	0.93	1.686	0.376	24.67	2.34
176387	Core Reject	1.12	>10	2.763	25.01	17.63
176388	Core Reject	2.73	1.629	0.264	25.62	2.05

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 27, 2012

QUALITY CONTROL REPORT VAN12003776.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
Reference Materials						
STD OXP91	Standard			0.450	30.01	
STD OXP91	Standard			0.454	30.00	
BLK	Blank			<0.005	30.00	
BLK	Blank			<0.005	30.00	
Prep Wash						
G1	Prep Blank	<0.01	<0.005	<0.005	25.24	<0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.46	<0.01

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	September 25, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003776.2

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 CORE REJECTS M
P.O. Number	
Number of Samples:	10

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	10	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	10	Analysis sample split/packet			VAN
Split -150	10	Analysis sample split/packet			VAN
G602	10	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Revised G602 data for Sample 176379.

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 25, 2012

CERTIFICATE OF ANALYSIS VAN12003776.2

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.24	<0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.46	<0.01
176378	Core Reject	0.82	>10	2.375	24.67	16.45
176379	Core Reject	0.75	>10	9.694	26.17	46.84
176380	Core Reject	1.02	0.899	0.172	24.59	1.18
176381	Core Reject	0.84	2.006	0.605	25.90	3.04
176382	Core Reject	0.68	0.249	0.028	24.32	0.29
176383	Core Reject	1.05	1.888	0.288	26.09	2.35
176384	Core Reject	1.41	1.187	0.029	23.90	1.19
176386	Core Reject	0.93	1.686	0.376	24.67	2.34
176387	Core Reject	1.12	>10	2.763	25.01	19.43
176388	Core Reject	2.73	1.629	0.264	25.62	2.05

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 25, 2012

QUALITY CONTROL REPORT VAN12003776.2

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
Reference Materials						
STD OXP91	Standard			0.450	30.01	
STD OXP91	Standard			0.454	30.00	
BLK	Blank			<0.005	30.00	
BLK	Blank			<0.005	30.00	
Prep Wash						
G1	Prep Blank	<0.01	<0.005	<0.005	25.24	<0.01
G1	Prep Blank	<0.01	<0.005	<0.005	25.46	<0.01

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Client: **Bul River Mineral Corporation**
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Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	August 28, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003777.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG CORE L
P.O. Number	
Number of Samples:	22

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	22	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	22	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 28, 2012

CERTIFICATE OF ANALYSIS VAN12003777.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
176345	Rock	5.23	89	0.439	<2
176346	Rock	4.16	982	2.030	10
176347	Rock	7.19	677	3.067	17
176348	Rock	4.84	226	1.680	21
176349	Rock	5.40	356	1.362	7
176350	Rock	2.90	196	0.740	4
177846	Rock	3.15	9079	1.783	20
177847	Rock	3.13	463	1.506	8
177848	Rock	4.62	2506	0.525	6
177849	Rock	3.17	534	0.799	4
177850	Rock	5.89	2427	2.507	21
177851	Rock	5.18	634	4.483	24
177852	Rock	3.83	446	3.827	20
177853	Rock	4.49	317	0.820	5
177854	Rock	5.93	230	0.288	<2
177855	Rock	5.91	169	0.429	<2
177856	Rock	5.84	20	0.094	<2
177857	Rock	4.74	60	0.128	<2
177858	Rock	4.54	16	0.082	<2
177859	Rock	4.10	5	0.020	<2
177860	Rock	5.50	4	0.013	<2
177861	Rock Pulp	<0.01	<2	0.002	<2

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 28, 2012

QUALITY CONTROL REPORT VAN12003777.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
176347	Rock	7.19	677	3.067	17
REP 176347	QC		850		
177846	Rock	3.15	9079	1.783	20
REP 177846	QC			1.791	19
Core Reject Duplicates					
177850	Rock	5.89	2427	2.507	21
DUP 177850	QC	<0.01	2913	2.564	21
Reference Materials					
STD CDN-ME-9	Standard			0.639	3
STD CDN-ME-14	Standard			1.228	43
STD OXD87	Standard		441		
STD OXD87	Standard		406		
STD OXD87	Standard		439		
STD OXD87	Standard		418		
STD OXG99	Standard		913		
STD OXG99	Standard		926		
STD OXG99	Standard		953		
STD OXG99	Standard		915		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXD87 Expected			417		
STD OXG99 Expected			932		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		4		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		3		

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 28, 2012

QUALITY CONTROL REPORT VAN12003777.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		5		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	August 23, 2012
Page:	1 of 6

CERTIFICATE OF ANALYSIS VAN12003778.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 UG CORE L
P.O. Number	
Number of Samples:	138

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	125	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	138	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	138	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
71475	Drill Core	1.22	6	0.007	<2
71476	Drill Core	1.70	<2	0.249	<2
71477	Drill Core	0.86	<2	0.003	<2
71478	Drill Core	1.00	<2	<0.001	<2
71479	Drill Core	1.01	<2	<0.001	<2
71480	Drill Core	1.32	2	0.002	<2
71481	Drill Core	1.05	10	0.004	<2
71482	Rock Pulp	0.06	204	0.177	10
71483	Drill Core	0.71	<2	0.001	<2
71491	Drill Core	3.28	<2	0.048	<2
71492	Rock Pulp	0.05	<2	<0.001	<2
71493	Drill Core	2.82	<2	0.024	<2
71494	Drill Core	3.07	<2	0.038	<2
71495	Drill Core	1.47	<2	<0.001	<2
71496	Drill Core	1.69	<2	0.002	<2
176351	Drill Core	0.83	6	0.040	<2
176352	Drill Core	0.70	69	0.098	<2
176353	Drill Core	0.79	199	0.239	<2
176354	Drill Core	0.88	31	0.283	<2
176355	Drill Core	0.84	368	0.673	5
176356	Drill Core	0.65	121	0.614	<2
176357	Drill Core	0.67	42	0.174	<2
176358	Rock Pulp	0.06	<2	0.001	<2
176359	Drill Core	0.85	174	0.535	<2
176360	Drill Core	0.74	12	0.041	<2
176361	Drill Core	0.89	9	0.015	<2
176362	Drill Core	0.74	24	0.007	<2
176363	Drill Core	0.75	10	0.011	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176364	Drill Core	0.73	176	0.164	<2
176365	Drill Core	0.84	8	0.077	<2
176366	Drill Core	0.42	10	0.012	<2
176367	Drill Core	0.37	17	0.018	<2
176368	Drill Core	0.34	196	0.010	<2
176370	Rock Pulp	0.05	4596	1.085	105
176385	Rock Pulp	0.06	2	0.001	<2
176401	Drill Core	2.27	150	2.021	32
176402	Drill Core	2.02	173	2.293	30
176403	Drill Core	5.12	150	1.304	31
176404	Drill Core	3.14	183	0.704	4
176405	Drill Core	5.21	292	0.587	4
176406	Drill Core	3.95	24	0.010	<2
176407	Drill Core	3.46	23	0.006	<2
176408	Drill Core	4.18	32	0.005	<2
176409	Drill Core	5.35	17	0.028	<2
176410	Drill Core	7.03	8	0.024	<2
176411	Rock Pulp	0.05	<2	0.002	<2
176412	Drill Core	2.58	24	0.018	<2
176413	Drill Core	5.00	5	0.015	<2
176414	Drill Core	4.63	6	0.019	<2
176415	Drill Core	4.30	19	0.262	<2
176416	Drill Core	4.08	88	1.174	7
176417	Drill Core	3.96	13	0.181	<2
176418	Drill Core	3.88	92	0.246	<2
176419	Rock Pulp	0.05	25	0.934	33
176420	Drill Core	3.37	78	0.727	4
176421	Drill Core	2.70	98	0.917	5
176422	Drill Core	3.89	125	12.18	74
176423	Drill Core	2.14	101	1.396	9

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176424	Drill Core	2.19	81	1.171	7
176425	Drill Core	3.86	<2	0.015	<2
176426	Drill Core	3.26	3	0.017	<2
176427	Drill Core	2.37	<2	0.050	<2
176428	Rock Pulp	0.05	<2	0.002	<2
176429	Drill Core	4.39	156	0.867	2
176430	Drill Core	4.50	65	0.744	2
176431	Drill Core	1.69	7	0.138	<2
176432	Drill Core	1.87	18	0.092	<2
176433	Drill Core	3.21	171	2.468	13
176434	Drill Core	3.10	71	0.840	5
176435	Drill Core	3.35	253	0.444	3
176436	Drill Core	3.48	3	0.002	<2
176437	Drill Core	4.66	<2	0.002	<2
176438	Drill Core	3.48	3	0.002	<2
176439	Drill Core	4.72	<2	0.003	<2
176440	Drill Core	4.06	<2	<0.001	<2
176441	Rock Pulp	0.05	171	0.189	12
176442	Drill Core	2.95	3	<0.001	<2
176443	Drill Core	4.52	<2	0.001	<2
176444	Drill Core	4.58	578	8.020	57
176445	Drill Core	4.66	146	0.921	6
176446	Drill Core	3.74	246	2.239	23
176447	Drill Core	3.64	74	1.423	11
176448	Drill Core	2.77	32	0.297	3
176449	Drill Core	4.68	335	2.278	20
176450	Drill Core	3.78	322	1.344	15
176451	Drill Core	3.38	34	0.556	5
176452	Drill Core	4.66	328	2.501	25
176453	Drill Core	4.03	308	1.341	11

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
176454	Drill Core	5.21	487	6.466	73
176455	Drill Core	5.42	479	1.890	31
176456	Drill Core	4.66	1125	7.005	95
176457	Rock Pulp	0.06	441	2.982	96
176458	Drill Core	5.11	155	2.558	29
176459	Drill Core	4.01	207	1.198	14
176460	Drill Core	6.34	157	1.823	21
176461	Rock Pulp	0.05	<2	0.001	<2
176462	Drill Core	6.66	148	2.109	23
176463	Drill Core	5.77	252	4.667	52
176464	Drill Core	5.99	497	1.565	17
176465	Drill Core	4.13	140	1.112	14
176466	Drill Core	2.51	286	1.359	15
176467	Drill Core	4.19	217	1.396	16
176468	Drill Core	3.29	234	1.444	15
176469	Drill Core	4.74	617	3.991	40
176470	Drill Core	3.39	35	0.083	16
176471	Drill Core	1.97	<2	0.008	<2
176472	Drill Core	2.13	<2	0.004	<2
176473	Drill Core	2.53	24	0.004	12
177001	Drill Core	3.73	9	0.019	<2
177002	Drill Core	3.59	11	0.042	<2
177003	Drill Core	2.36	15	0.008	<2
177004	Drill Core	0.72	<2	0.052	<2
177005	Drill Core	1.18	90	0.411	2
177006	Drill Core	1.07	23	0.417	3
177007	Rock Pulp	0.05	222	0.200	14
177008	Drill Core	0.99	78	0.898	5
177009	Drill Core	1.13	1384	2.542	13
177010	Drill Core	0.70	110	1.914	10

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

CERTIFICATE OF ANALYSIS VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177011	Drill Core	0.78	275	1.684	8
177012	Drill Core	1.02	215	1.063	4
177013	Drill Core	1.15	269	0.873	4
177014	Drill Core	1.13	112	0.100	<2
177015	Drill Core	1.04	62	0.207	<2
177016	Drill Core	1.02	9	0.030	<2
177017	Rock Pulp	0.05	<2	0.001	<2
177018	Drill Core	1.48	108	0.684	5
177019	Drill Core	1.07	77	0.481	4
177020	Drill Core	1.07	<2	0.054	<2
177021	Drill Core	0.81	2418	1.119	8
177022	Drill Core	0.95	414	0.232	5
177023	Drill Core	0.81	99	0.314	2
177024	Drill Core	0.94	34	0.160	<2
177025	Drill Core	0.98	44	0.288	2
177026	Drill Core	1.32	21	0.041	<2
177027	Drill Core	1.15	77	0.183	<2
177028	Drill Core	0.98	<2	0.043	2
177029	Drill Core	1.09	130	0.089	<2
177030	Drill Core	0.91	71	0.715	5

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

QUALITY CONTROL REPORT VAN12003778.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
71492	Rock Pulp	0.05	<2	<0.001	<2
REP 71492	QC			<0.001	<2
176359	Drill Core	0.85	174	0.535	<2
REP 176359	QC			0.517	3
176361	Drill Core	0.89	9	0.015	<2
REP 176361	QC		4		
176424	Drill Core	2.19	81	1.171	7
REP 176424	QC			1.146	7
176425	Drill Core	3.86	<2	0.015	<2
REP 176425	QC		<2		
176438	Drill Core	3.48	3	0.002	<2
REP 176438	QC		3		
176459	Drill Core	4.01	207	1.198	14
REP 176459	QC			1.180	14
176472	Drill Core	2.13	<2	0.004	<2
REP 176472	QC		<2		
177021	Drill Core	0.81	2418	1.119	8
REP 177021	QC			1.120	9
Core Reject Duplicates					
176368	Drill Core	0.34	196	0.010	<2
DUP 176368	QC	<0.01	221	0.011	<2
176432	Drill Core	1.87	18	0.092	<2
DUP 176432	QC	<0.01	12	0.084	<2
176466	Drill Core	2.51	286	1.359	15
DUP 176466	QC	<0.01	312	1.360	15
177027	Drill Core	1.15	77	0.183	<2
DUP 177027	QC	<0.01	45	0.179	3
Reference Materials					

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

QUALITY CONTROL REPORT VAN12003778.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
STD CDN-ME-14	Standard			1.267	46
STD CDN-ME-9	Standard			0.663	3
STD CDN-ME-9	Standard			0.642	<2
STD CDN-ME-14	Standard			1.249	43
STD CDN-ME-9	Standard			0.642	4
STD CDN-ME-14	Standard			1.240	44
STD CDN-ME-9	Standard			0.661	4
STD CDN-ME-14	Standard			1.286	47
STD OXD87	Standard		419		
STD OXD87	Standard		422		
STD OXD87	Standard		422		
STD OXD87	Standard		437		
STD OXD87	Standard		413		
STD OXD87	Standard		419		
STD OXD87	Standard		440		
STD OXD87	Standard		449		
STD OXD87	Standard		410		
STD OXG99	Standard		955		
STD OXG99	Standard		935		
STD OXG99	Standard		969		
STD OXG99	Standard		945		
STD OXG99	Standard		1015		
STD OXG99	Standard		971		
STD OXG99	Standard		945		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXG99 Expected			932		
STD OXD87 Expected			417		
BLK	Blank		<2		

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 23, 2012

QUALITY CONTROL REPORT VAN12003778.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 13, 2012
Report Date:	August 20, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12003779.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 PULPS P
P.O. Number	
Number of Samples:	13

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
No Prep	13	Sorting of samples on arrival and labeling			VAN
7TD1	13	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 20, 2012

CERTIFICATE OF ANALYSIS VAN12003779.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
176389	Rock Pulp	0.369	4
176390	Rock Pulp	3.515	40
176391	Rock Pulp	1.061	9
176392	Rock Pulp	0.046	<2
176393	Rock Pulp	2.978	92
176394	Rock Pulp	0.015	<2
176395	Rock Pulp	0.004	<2
176396	Rock Pulp	0.013	<2
176397	Rock Pulp	0.010	<2
176398	Rock Pulp	0.004	<2
176399	Rock Pulp	0.005	<2
176400	Rock Pulp	0.016	<2
71498	Rock Pulp	0.001	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 20, 2012

QUALITY CONTROL REPORT VAN12003779.1

	Method	7TD	7TD
	Analyte	Cu	Ag
	Unit	%	gm/t
	MDL	0.001	2
Pulp Duplicates			
71498	Rock Pulp	0.001	<2
REP 71498	QC	<0.001	<2
Reference Materials			
STD CDN-ME-14	Standard	1.305	48
STD CDN-ME-9	Standard	0.657	5
STD CDN-ME-14 Expected		1.221	45
STD CDN-ME-9 Expected		0.654	
BLK	Blank	<0.001	<2

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client:	**Bul River Mineral Corporation** Box 845 Cranbrook BC V1C 4J6 Canada
Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	August 21, 2012
Report Date:	August 30, 2012
Page:	1 of 3

CERTIFICATE OF ANALYSIS VAN12003903.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	2012 core Q
P.O. Number	
Number of Samples:	38

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	34	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	38	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	38	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 30, 2012

CERTIFICATE OF ANALYSIS VAN12003903.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
177031	Drill Core	1.64	63	0.296	2
177032	Drill Core	1.40	158	0.850	6
177033	Drill Core	1.04	21	0.050	<2
177034	Drill Core	0.96	12	0.040	<2
177035	Drill Core	0.92	75	0.283	<2
177036	Drill Core	1.24	>10000	3.528	32
177037	Drill Core	1.00	752	0.619	4
177038	Drill Core	1.10	40	0.128	<2
177039	Rock Pulp	0.05	2	<0.001	<2
177040	Drill Core	1.22	345	0.088	<2
177041	Drill Core	0.97	146	0.716	6
177042	Drill Core	1.16	60	2.997	23
177043	Drill Core	1.36	132	0.899	6
177044	Drill Core	1.03	33	0.290	2
177045	Drill Core	1.08	44	0.373	2
177046	Drill Core	1.12	106	0.846	7
177048	Rock Pulp	0.05	39	0.892	34
177051	Drill Core	4.69	12	0.045	<2
177052	Drill Core	3.66	49	0.031	<2
177053	Drill Core	5.83	68	0.300	<2
177054	Drill Core	2.59	21	0.058	<2
177055	Drill Core	5.48	20	0.099	<2
177056	Drill Core	5.86	139	1.230	10
177057	Drill Core	3.52	18	0.057	<2
177058	Drill Core	4.77	11	0.018	<2
177059	Drill Core	3.79	18	0.097	<2
177060	Drill Core	4.18	157	0.942	7
177061	Drill Core	3.76	111	0.528	4

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Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 30, 2012

CERTIFICATE OF ANALYSIS VAN12003903.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
177064	Drill Core	0.51	29	0.110	<2
177065	Drill Core	3.95	4	0.006	<2
177066	Rock Pulp	0.05	39	0.891	35
177067	Drill Core	1.24	63	0.510	8
177068	Drill Core	0.94	665	2.004	31
177069	Drill Core	0.68	5	0.009	3
177070	Drill Core	1.76	7	0.050	4
177071	Drill Core	1.84	4	0.014	2
177072	Rock Pulp	0.05	4	0.001	<2
177073	Drill Core	2.35	5	0.006	<2

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 30, 2012

QUALITY CONTROL REPORT VAN12003903.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
REP G1	QC		<2		
177052	Drill Core	3.66	49	0.031	<2
REP 177052	QC			0.030	<2
177073	Drill Core	2.35	5	0.006	<2
REP 177073	QC			0.006	2
Core Reject Duplicates					
177037	Drill Core	1.00	752	0.619	4
DUP 177037	QC	<0.01	876	0.784	5
Reference Materials					
STD CDN-ME-14	Standard			1.270	47
STD CDN-ME-9	Standard			0.655	4
STD CDN-ME-9	Standard			0.645	7
STD CDN-ME-14	Standard			1.252	49
STD OXD87	Standard		431		
STD OXD87	Standard		411		
STD OXD87	Standard		428		
STD OXG99	Standard		881		
STD OXG99	Standard		956		
STD OXG99	Standard		921		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
BLK	Blank			<0.001	<2
BLK	Blank		6		
BLK	Blank		5		
BLK	Blank		3		
BLK	Blank		5		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: August 30, 2012

QUALITY CONTROL REPORT VAN12003903.1

		WGHT	3B	7TD	7TD
		Wgt	Au	Cu	Ag
		kg	ppb	%	gm/t
		0.01	2	0.001	2
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01		<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank		<2		

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By: Tim Hewison
Receiving Lab: Canada-Vancouver
Received: August 21, 2012
Report Date: September 25, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS VAN12003904.1

CLIENT JOB INFORMATION

Project: Bul River Mine
Shipment ID: 2012 core Q
P.O. Number
Number of Samples: 7

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M200	7	Metallic Sieve 500g to 200 mesh - save + and - fraction			VAN
Split +150 mesh	7	Analysis sample split/packet			VAN
Split -150	7	Analysis sample split/packet			VAN
G602	7	Metallics Fire Assay	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 25, 2012

CERTIFICATE OF ANALYSIS VAN12003904.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
G1	Prep Blank	<0.01	<0.005	<0.005	26.09	<0.01
176474	Drill Core	1.54	>10	6.675	25.73	35.37
176475	Drill Core	1.20	0.526	0.015	24.89	0.53
176476	Drill Core	0.39	0.006	<0.005	23.58	<0.01
176477	Drill Core	1.38	0.316	0.006	24.26	0.31
176478	Drill Core	1.16	2.318	0.137	24.20	2.47
177062	Drill Core	0.22	0.386	0.025	23.60	0.47
177063	Drill Core	0.89	0.227	0.005	24.96	0.23

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: September 25, 2012

QUALITY CONTROL REPORT VAN12003904.1

	Method	WGHT	G6	G6.ME	G6.ME	G6.ME
	Analyte	Wgt	-Au	+Au	+Wt	TotAu
	Unit	kg	gm/t	mg	g	gm/t
	MDL	0.01	0.005	0.005	0.01	0.01
177063	Drill Core	0.89	0.227	0.005	24.96	0.23
Reference Materials						
STD OXP91	Standard			0.459	29.48	
BLK	Blank			<0.005	30.00	
Prep Wash						
G1	Prep Blank	<0.01	<0.005	<0.005	26.09	<0.01

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	October 26, 2012
Report Date:	November 02, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12005115.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	Oct 24 shipment
P.O. Number	
Number of Samples:	6

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	6	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	6	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	6	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: November 02, 2012

CERTIFICATE OF ANALYSIS VAN12005115.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
4365	Rock	0.86	351	1.957	26
4366	Rock	2.48	477	0.851	22
4367	Rock	4.56	250	0.974	37
4368	Rock	5.25	251	0.114	19
4369	Rock	2.71	33	0.025	28
4370	Rock	1.85	346	1.064	12

AcmeLabs Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: November 02, 2012

QUALITY CONTROL REPORT VAN12005115.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
4370	Rock	1.85	346	1.064	12
REP 4370	QC			1.090	13
Reference Materials					
STD CDN-ME-14	Standard			1.225	45
STD CDN-ME-9	Standard			0.651	3
STD OXD87	Standard		414		
STD OXG99	Standard		923		
STD OXD87 Expected			417		
STD OXG99 Expected			932		
STD CDN-ME-14 Expected				1.221	45
STD CDN-ME-9 Expected				0.654	
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2

AcmeLabs

Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Submitted By:	Tim Hewison
Receiving Lab:	Canada-Vancouver
Received:	October 26, 2012
Report Date:	November 05, 2012
Page:	1 of 2

CERTIFICATE OF ANALYSIS VAN12005116.1

CLIENT JOB INFORMATION

Project:	Bul River Mine
Shipment ID:	Oct 24 shipment
P.O. Number	
Number of Samples:	28

SAMPLE DISPOSAL

STOR-PLP	Store After 90 days Invoice for Storage
STOR-RJT	Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	26	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	28	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7TD1	28	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Bul River Mineral Corporation
Box 845
Cranbrook BC V1C 4J6
Canada

CC:

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

Project: Bul River Mine
Report Date: November 05, 2012

CERTIFICATE OF ANALYSIS VAN12005116.1

	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2	<0.001	<2
68177	Drill Core	0.48	394	2.813	24
68178	Drill Core	1.00	271	2.207	19
68179	Drill Core	0.70	13	0.194	<2
68180	Drill Core	0.05	37	0.915	33
69377	Drill Core	1.99	2	0.067	<2
69378	Drill Core	1.47	<2	0.011	<2
69379	Drill Core	0.89	32	0.286	4
69380	Rock Pulp	1.14	<2	0.004	<2
69381	Drill Core	0.53	34	0.787	9
69382	Drill Core	0.58	524	7.544	95
69383	Drill Core	0.63	13	0.360	4
69384	Drill Core	0.68	1216	7.722	84
69385	Drill Core	0.74	56	0.034	<2
69386	Drill Core	1.61	<2	0.027	<2
69387	Drill Core	0.88	73	2.109	10
69388	Drill Core	0.96	63	1.419	6
69389	Rock Pulp	0.05	<2	0.001	<2
69390	Drill Core	0.63	25	0.382	<2
69391	Drill Core	0.51	535	7.043	30
69392	Drill Core	0.27	32	0.236	<2
69393	Drill Core	0.55	82	0.801	4
69394	Drill Core	0.86	7	0.053	<2
69395	Drill Core	1.16	<2	0.009	<2
69396	Drill Core	1.31	126	1.746	17
69397	Drill Core	0.87	5	0.164	<2
69398	Drill Core	0.82	15	0.207	<2
69399	Drill Core	0.84	1130	4.928	39
69400	Drill Core	0.87	827	7.105	59

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Client: **Bul River Mineral Corporation**
Box 845
Cranbrook BC V1C 4J6 Canada

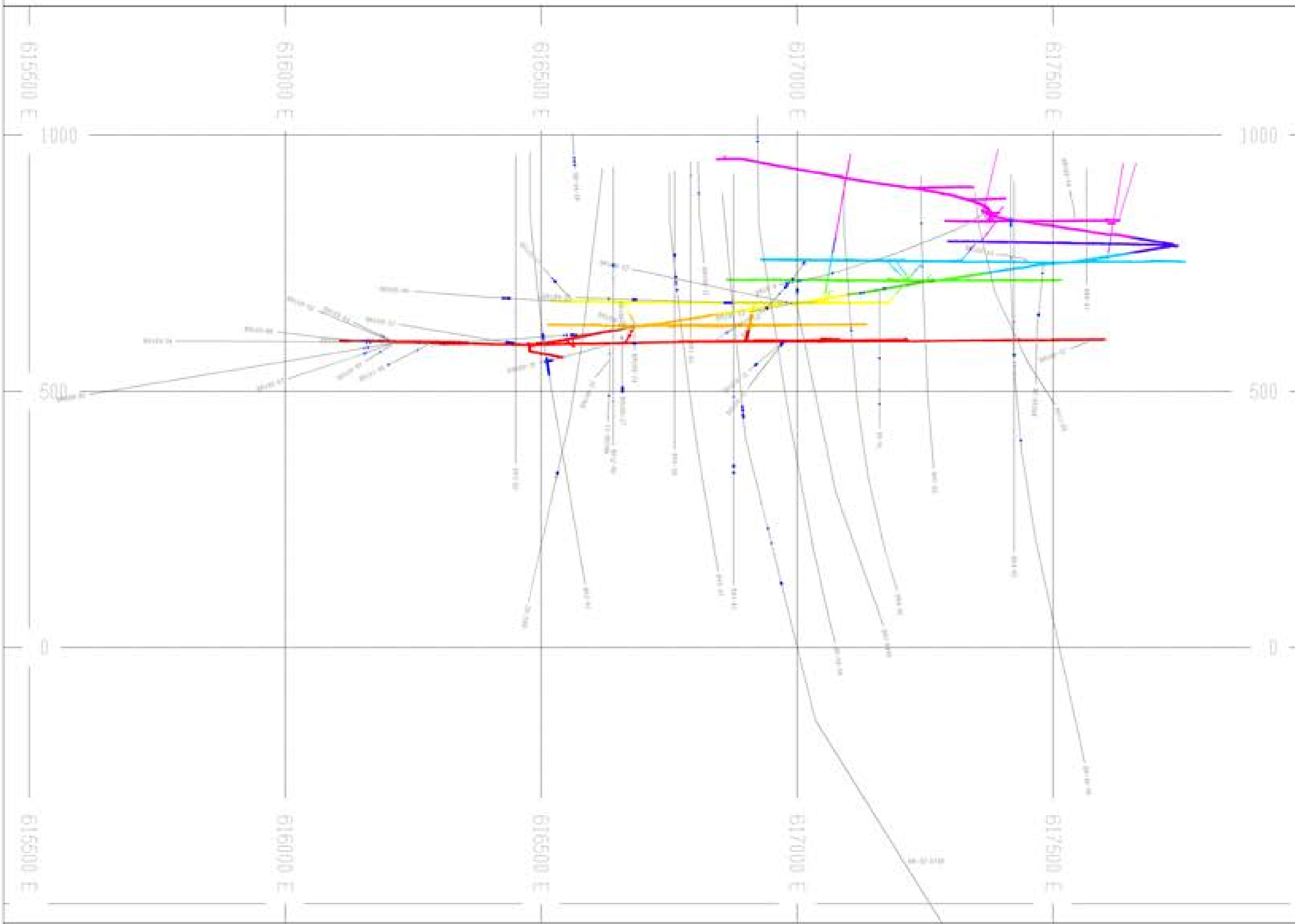
Project: Bul River Mine
Report Date: November 05, 2012

QUALITY CONTROL REPORT VAN12005116.1

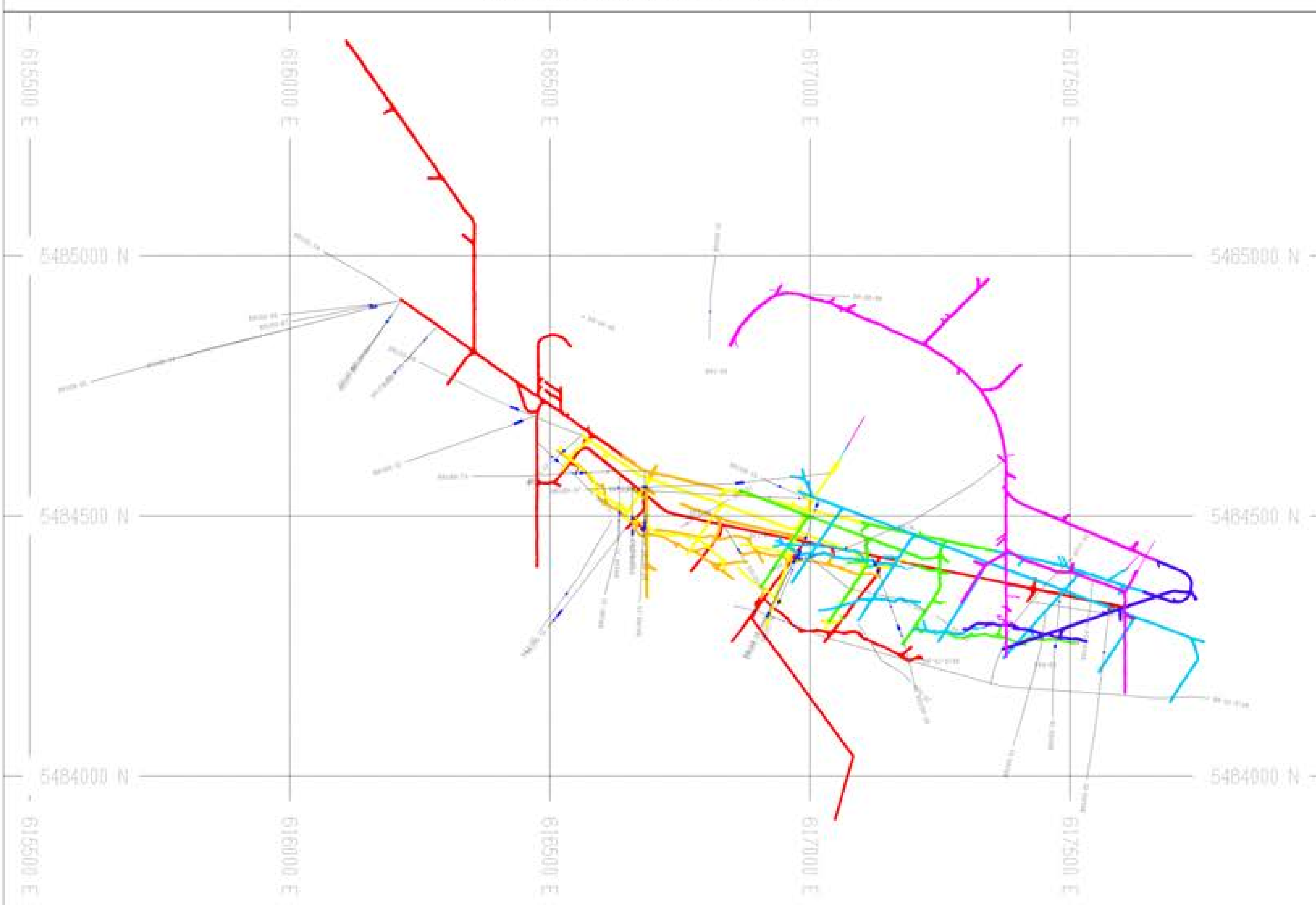
	Method	WGHT	3B	7TD	7TD
	Analyte	Wgt	Au	Cu	Ag
	Unit	kg	ppb	%	gm/t
	MDL	0.01	2	0.001	2
Pulp Duplicates					
REP G1	QC			<0.001	<2
69379	Drill Core	0.89	32	0.286	4
REP 69379	QC		36		
Core Reject Duplicates					
69393	Drill Core	0.55	82	0.801	4
DUP 69393	QC	<0.01	90	0.798	3
Reference Materials					
STD CDN-ME-9	Standard			0.670	3
STD CDN-ME-14	Standard			1.259	45
STD OXD87	Standard		414		
STD OXD87	Standard		413		
STD OXG99	Standard		923		
STD OXG99	Standard		911		
STD CDN-ME-9 Expected				0.654	
STD CDN-ME-14 Expected				1.221	45
STD OXD87 Expected			417		
STD OXG99 Expected			932		
BLK	Blank		<2		
BLK	Blank		<2		
BLK	Blank			<0.001	<2
BLK	Blank		<2		
BLK	Blank		<2		
Prep Wash					
G1	Prep Blank	<0.01	<2	<0.001	<2
G1	Prep Blank	<0.01	<2		
G1	Prep Blank			<0.001	<2

APPENDIX G – Drillholes Sampled

Bul River Development - Cross Section - Looking North



Bul River Development - Plan View



0 100 500 1000
meters
(1 : 5000)

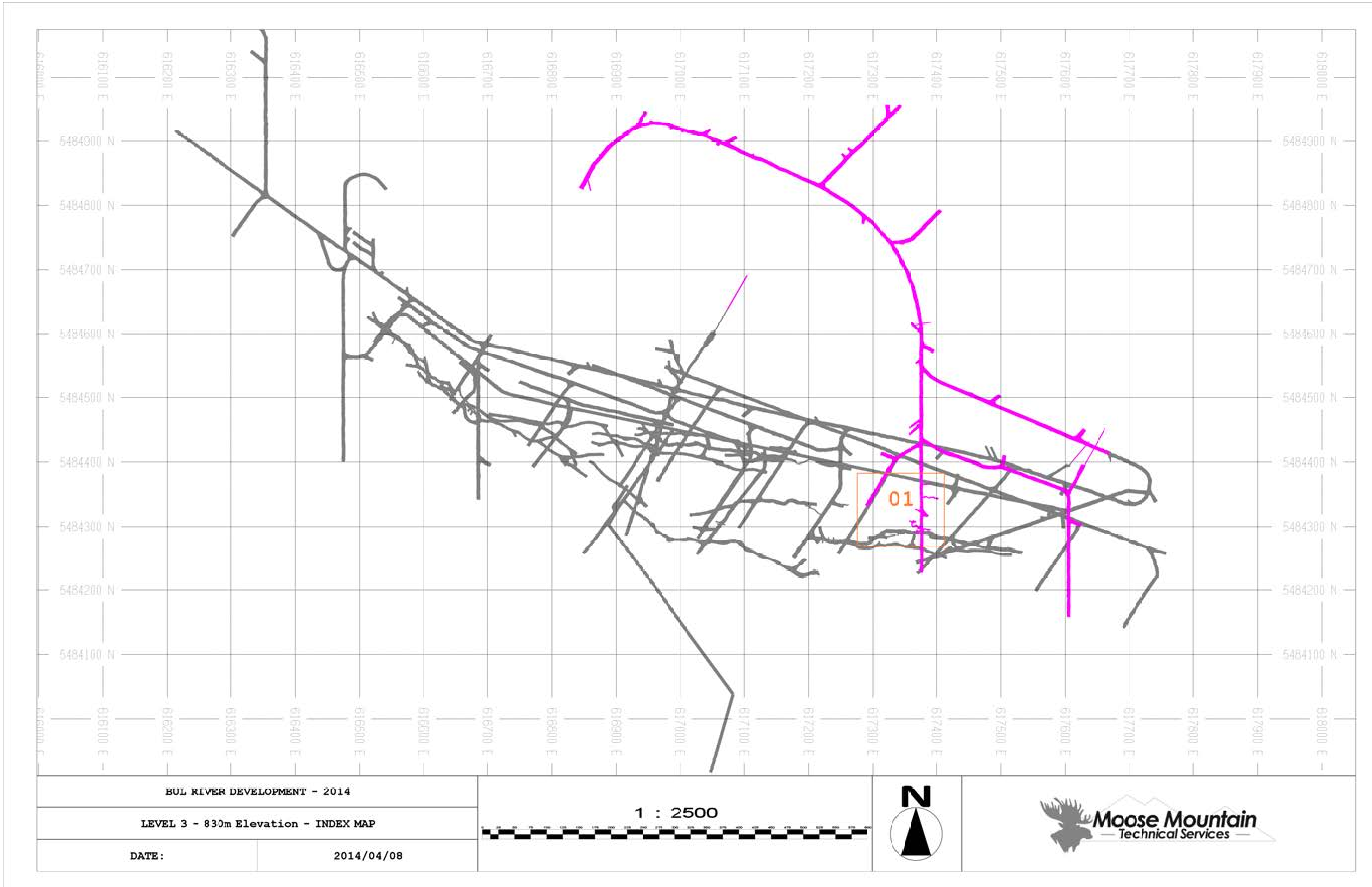
BUL RIVER - 2012 Assessment Report

DRILL HOLES SAMPLED

DATE:	**2014/04/11**

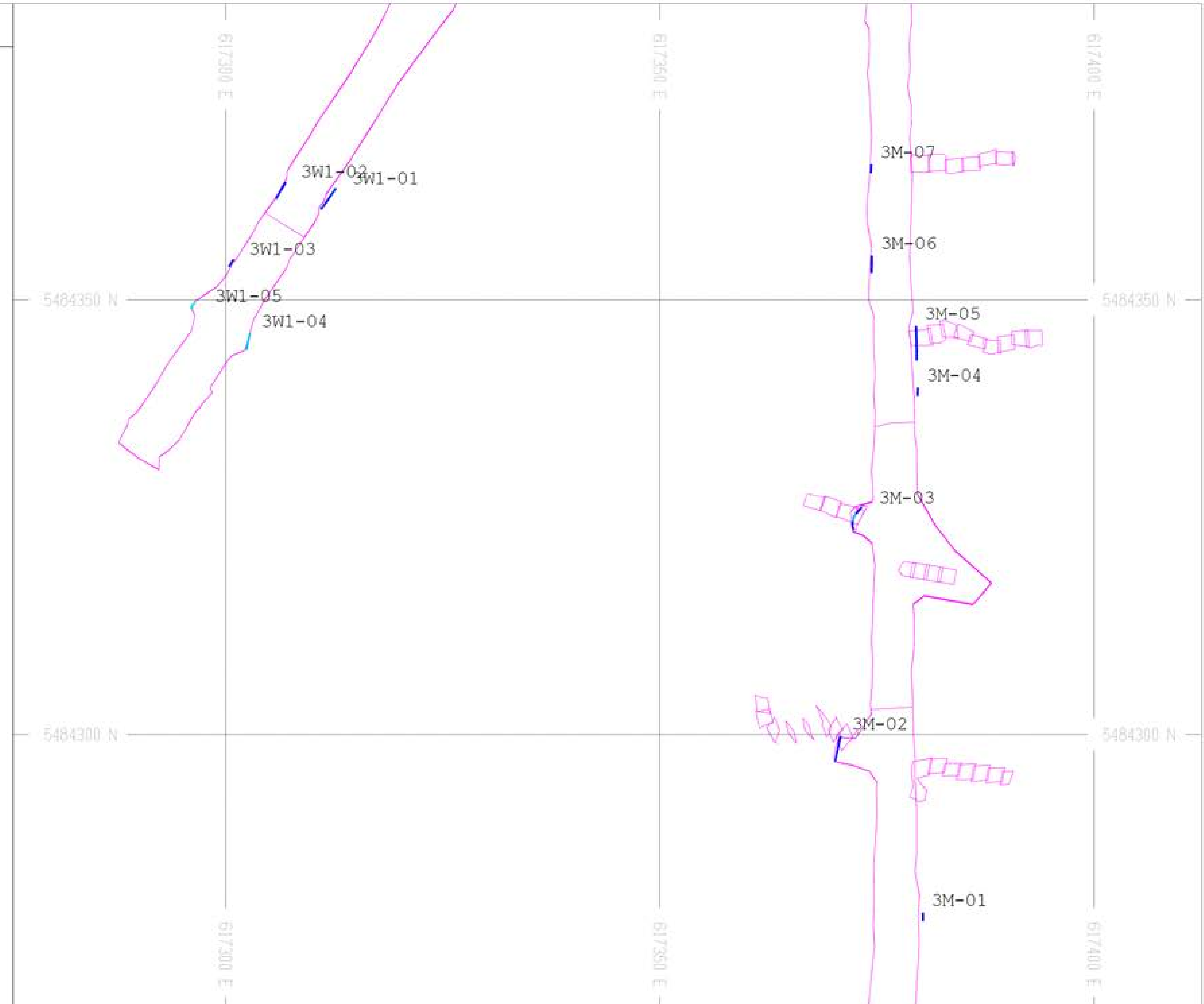
Moose Mountain
— Technical Services —

APPENDIX H – Underground Sampling


01
BUL RIVER DEVELOPMENT - 2014
LEVEL 3 - 830m Elevation - INDEX MAP
DATE:
2014/04/08
1 : 2500
N
Moose Mountain
Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
3M-01	177798	0.01	1	6
3M-02	177799	1.09	11	320
	177800	0.17	1	30
	177801	0.39	1	39
3M-03	177802	1.92	14	286
	177803	8.92	70	1320
	177804	0.32	3	42
3M-04	177805	0.04	1	9
3M-05	177806	0.72	5	46
	177807	0.6	6	115
	177808	0.65	4	59
	177809	0.03	1	8
3M-06	177811	0.06	1	6
	177812	0.03	2	3
3M-07	177813	0.006	1	1
3W1-01	177820	1.43	12	169
	177821	0.59	4	34
	177822	1.22	12	97
3W1-02	177818	1.5	14	162
	177819	0.42	4	70
3W1-03	177817	1.27	10	189
3W1-04	177814	4.14	38	236
	177815	4.29	34	507
3W1-05	177816	12.66	112	1358



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

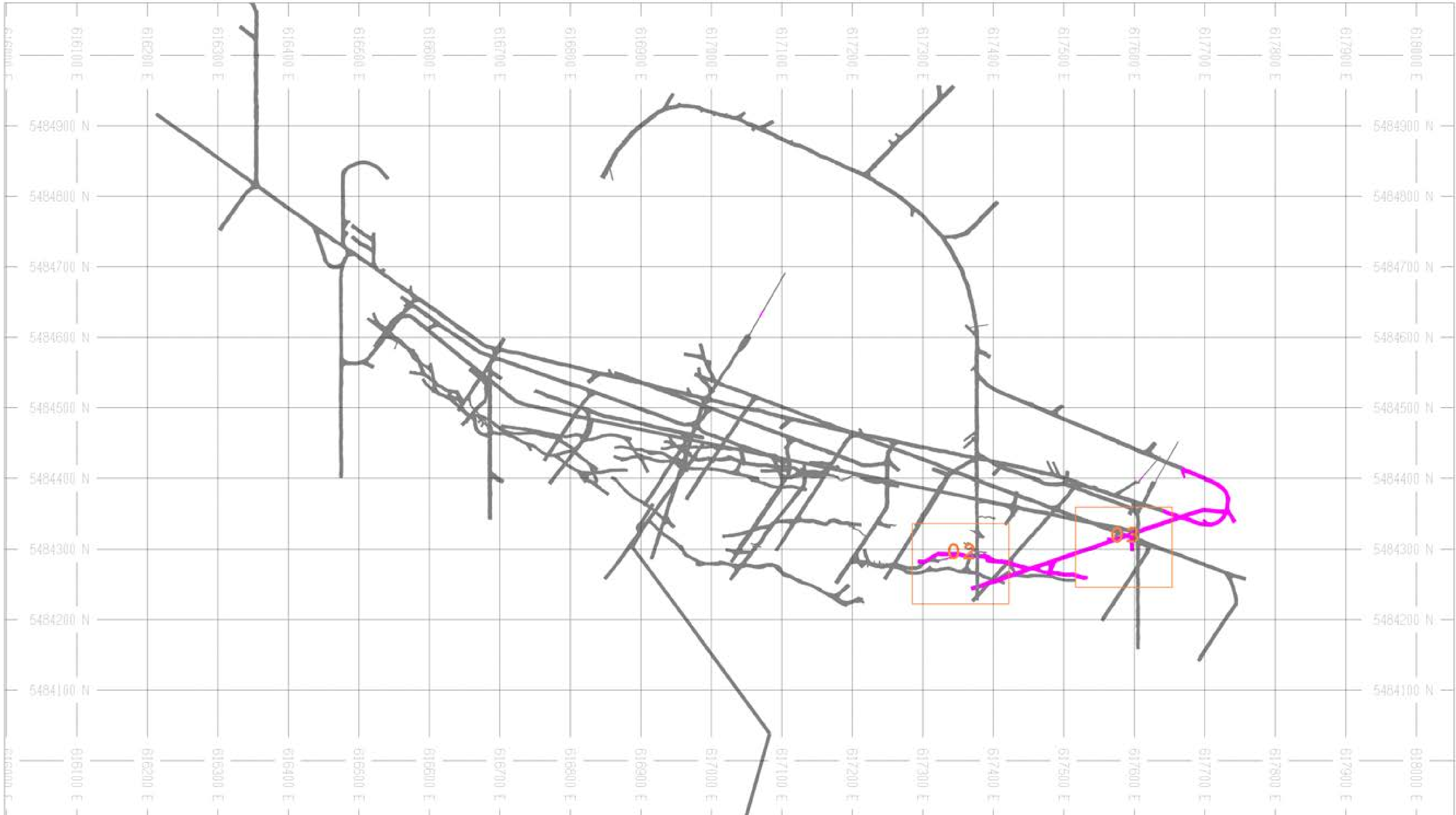
LEVEL 3 - 830m Elevation - AREA 01

DATE:	**2014/04/09**

1 : 250

N

Moose Mountain Technical Services



BUL RIVER DEVELOPMENT - 2014	
LEVEL 4 - 790m Elevation - INDEX MAP	
DATE:	2014/04/08

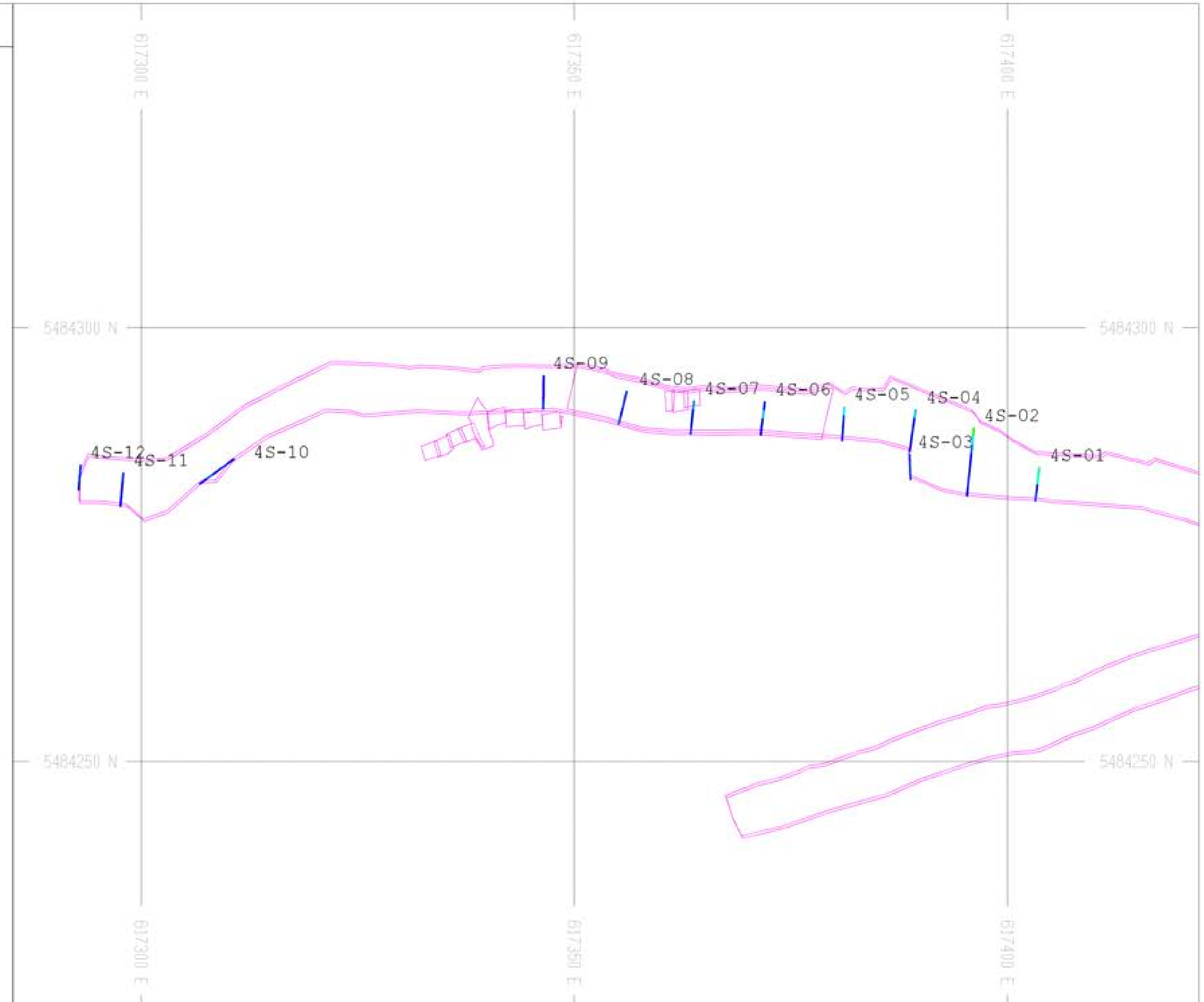
1 : 2500

N

Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
4S-01	177732	1.94	24	180
	177733	0.34	5	22
	177734	6.27	94	558
	177735	7.13	97	633
4S-02	177736	0.17	4	36
	177737	1.24	16	65
	177738	0.08	2	5
	177739	0.12	1	13
	177741	0.06	3	9
	177742	2.15	27	85
	177743	5.28	70	256
	177744	11.9	160	760
4S-03	177745	1.54	18	60
	177746	1.49	18	153
	177747	0.1	1	46
4S-04	177749	0.06	1	14
	177750	0.05	1	3
	177751	1.2	15	45
	177752	0.86	12	75
	177753	4.66	62	900
4S-05	177754	0.05	1	11
	177755	0.08	1	7
	177756	1.77	26	214
	177758	5.77	77	716
4S-06	177759	0.1	1	13
	177760	0.6	6	45
	177761	4.44	57	313
	177763	0.92	11	74
4S-07	177764	1.12	18	98
	177765	0.1	2	11
	177766	0.41	6	27
	177767	3.44	40	107
4S-08	177772	2.62	30	181
	177773	0.22	1	10
	177774	1.82	20	98
	177775	1.42	15	82
4S-09	177768	1.1	12	66
	177769	0.12	2	10
	177770	0.06	1	13
	177771	0.05	1	17
4S-10	177785	0.12	1	13
	177786	2.38	20	131
	177788	0.29	1	24
	177789	1.48	6	108
	177790	0.92	6	72
4S-11	177777	0.04	1	6
	177778	0.13	1	9
	177779	0.02	1	2
	177780	1.78	17	299
4S-12	177781	0.07	1	9
	177782	1.26	8	91
	177783	1.27	9	115



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 4 - 790m Elevation - AREA 02

DATE: 2014/04/09

1 : 250

N

Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
4N-01	177793	0.57	6	44
4N-02	177794	0.29	7	30
	177795	0.39	8	45
4N-03	177796	0.12	1	30
4N-04	177797	0.54	11	142

BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 4 - 790m Elevation - AREA 03

DATE: 2014/04/09

1 : 250

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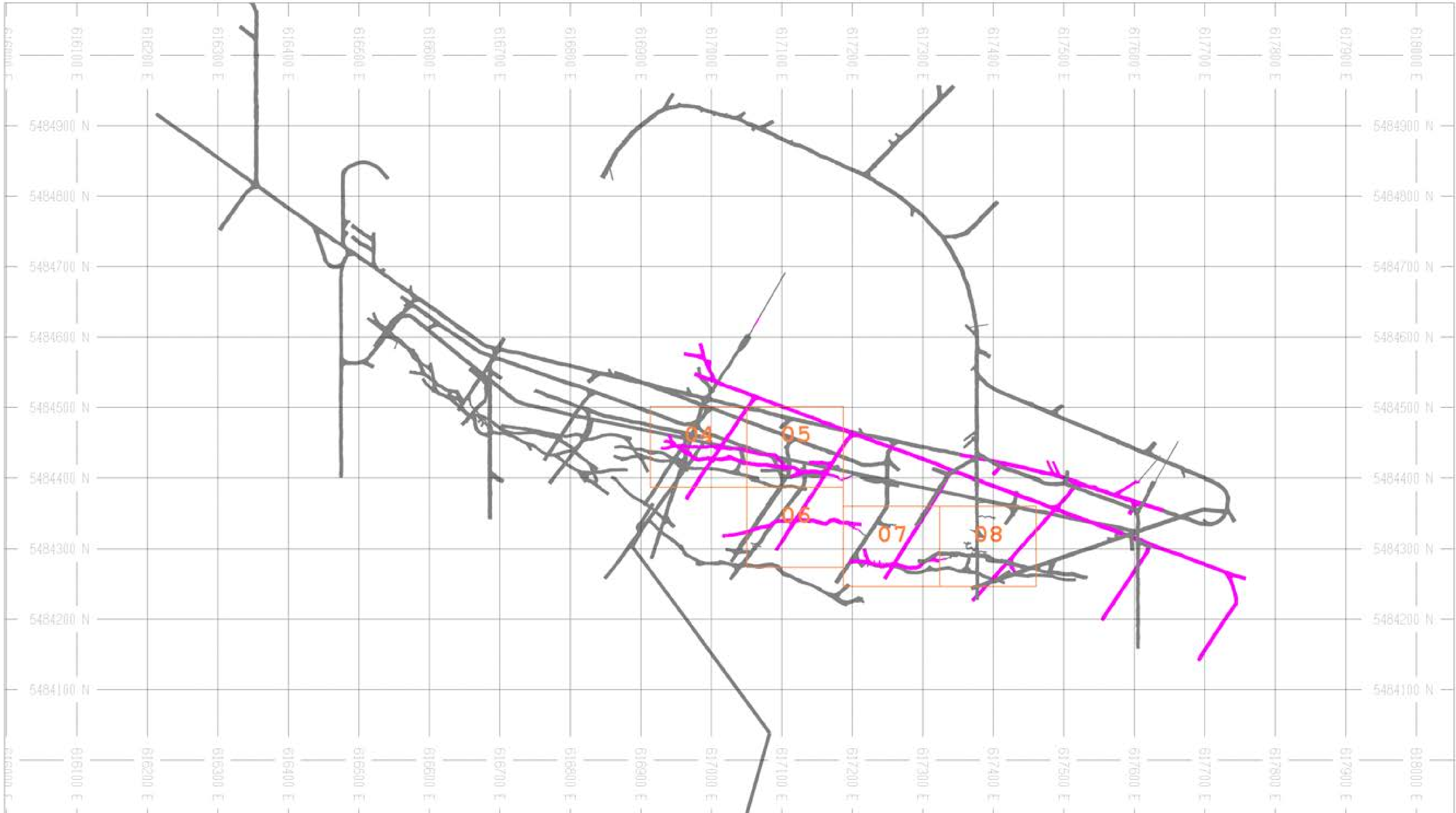
Moose Mountain Technical Services



BUL RIVER DEVELOPMENT - 2014	
LEVEL 5 - 750m Elevation - INDEX MAP	
DATE:	2014/04/08

1 : 2500

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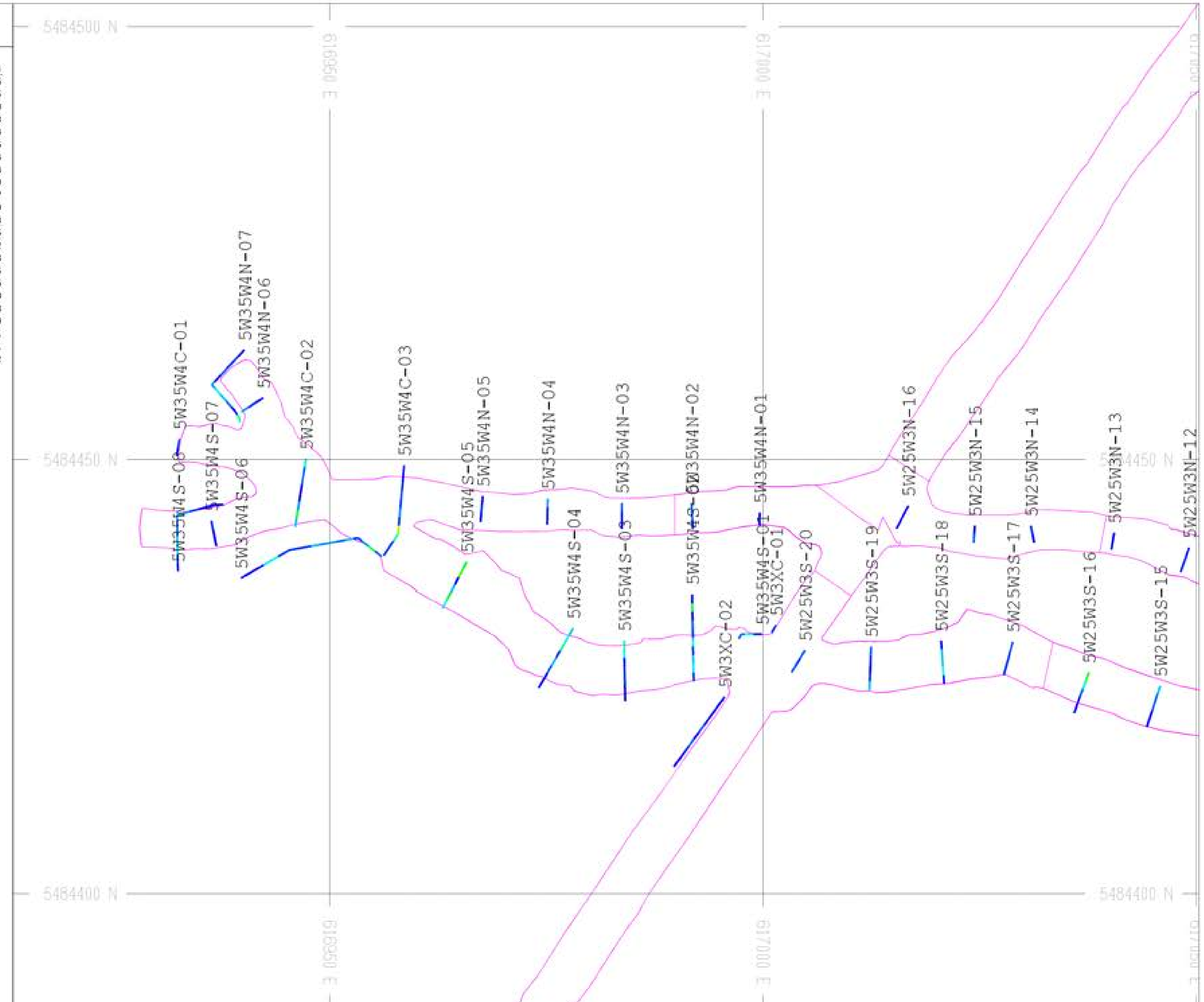
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
SW25W3N-12	177512	1.1	11	80
	177513	1.33	14	60
	177514	0.4	3	43
SW25W3N-13	177515	0.63	7	50
	177516	0.07	1	4
SW25W3N-14	177517	0.12	1	9
	177519	1.2	12	70
SW25W3N-15	177520	2.28	18	183
	177521	0.07	1	1
SW25W3N-16	177522	0.02	1	1
	177523	0.03	1	1
	177524	0.02	1	1
SW25W3S-15	177693	0.69	4	82
	177694	0.3	1	24
	177695	2.42	18	195
	177696	2.65	24	289
	177697	4.97	45	1057
SW25W3S-16	177687	0.03	1	10
	177688	0.58	4	46
	177689	2.14	21	211
	177690	6	47	356
	177692	10.2	85	760
SW25W3S-17	177682	1.39	12	137
	177684	1.07	10	79
	177685	1.5	18	130
	177686	2.86	23	279
SW25W3S-18	177677	0.23	1	19
	177678	6.79	56	305
	177679	4.8	37	419
	177680	4.53	37	933
	177681	0.88	6	130
SW25W3S-19	177672	4.99	36	396
	177673	1.58	12	164
	177674	0.82	6	60
	177675	1.88	16	217
	177676	2.68	21	313
SW25W3S-20	177729	2.4	19	206
	177730	1.74	15	64
	177731	2.99	25	1773
SW35W4C-01	177610	0.92	6	69
	177611	2.33	16	221
SW35W4C-02	177552	4.61	33	224
	177553	9.53	71	302
	177554	3.77	27	751
	177555	0.21	1	17
	177556	0.72	1	137
	177557	2.76	21	281
	177558	2.44	18	342
	177559	6.4	65	658
SW35W4C-03	177540	1.59	11	49
	177541	1.7	11	74
	177543	7.03	53	550
	177544	14.27	136	2139
	177545	1.7	12	116
	177546	3.47	32	398
	177547	1	5	61
	177548	2.57	21	196
	177549	1	9	45
	177550	0.76	5	61
	177551	0.93	7	99
SW35W4N-01	177525	1.8	18	236
	177526	0.29	4	24
SW35W4N-02	177527	0.69	7	94
	177528	2.3	18	167
	177529	2.33	19	203
SW35W4N-03	177530	0.13	1	36
	177531	0.52	4	38
	177532	2.82	21	258
SW35W4N-04	177533	0.21	1	30
	177534	0.53	5	54
	177536	3.42	30	453
SW35W4N-05	177537	0.21	1	11
	177538	1.41	12	75
	177539	0.29	1	19

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
SW35W4N-06	177567	3.95	43	447
	177568	1.19	7	98
	177569	0.62	5	109
SW35W4N-07	177612	15.06	114	1364
	177613	0.98	28	150
	177614	2.8	30	669
	177615	4.7	40	802
	177616	5.42	45	529
	177618	7.7	66	952
	177619	0.87	15	201
	177620	2.73	32	162
	177621	1.6	24	212
	177622	1	10	88
	177623	0.17	1	10
SW35W4S-01	177641	5.24	44	528
	177642	6.4	48	437
	177643	0.15	1	6
SW35W4S-02	177661	1.08	9	77
	177662	5.15	43	682
	177663	4.48	35	468
	177664	1.52	9	239
	177665	6.1	49	614
	177666	1.46	13	164
	177667	2.07	17	167
	177668	0.71	6	59
	177670	9.73	84	706
	177671	0.19	1	22
SW35W4S-03	177653	0.12	1	1
	177654	0.66	5	48
	177655	1.5	11	152
	177656	1.53	17	324
	177657	0.26	1	30
	177658	5.9	46	1661
	177659	7.32	58	775
SW35W4S-04	177644	0.6	61	73
	177645	0.89	8	66
	177646	2.15	17	533
	177648	4.71	36	446
	177649	1.57	18	339
	177650	7.64	61	1479
	177651	5.04	36	782
	177652	4.42	30	241
SW35W4S-05	177561	5.2	41	967
	177562	10.82	149	1162
	177563	4.4	37	170
	177564	0.61	4	69
	177565	12.39	107	2291
	177566	10.15	84	1195
SW35W4S-06	177574	2.11	15	118
	177575	9.17	70	618
	177576	3.58	27	106
	177577	2.84	22	312
	177578	4.25	32	541
	177580	2.6	21	890
	177581	3.38	36	301
	177582	3.9	29	381
	177583	4.9	37	1384
	177584	1.26	10	41
	177585	1.03	9	176
	177586	2.52	20	158
	177587	1.63	14	733
	177588	6.74	55	344
	177590	5.22	42	623
	177591	0.89	7	53
	177592	0.64	5	49
	177593	0.28	3	28
SW35W4S-07	177571	0.66	6	89
	177572	0.67	7	67
	177573	1.62	13	82

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
SW35W4S-08	177596	0.92	8	56
	177597	0.82	7	85
	177598	0.6	5	170
	177599	1.29	11	73
	177600	3.35	24	94
	177601	6.48	46	446
	177602	2.01	15	114
	177603	2.69	20	203
	177604	4.2	32	189
	177605	5.17	37	167
	177606	1.15	8	109
	177607	0.47	4	83
SW3XC-01	177640	1.12	13	85
SW3XC-02	177627	0.62	5	82
	177628	0.71	5	88
	177629	1.6	12	425
	177630	2.82	20	226
	177631	0.69	5	160
	177632	2.14	51	478
	177633	0.69	7	79
	177635	0.44	3	121
	177636	0.23	2	31
	177637	0.57	4	52



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 5 - 750m Elevation - AREA 04

DATE: 2014/04/09

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Moose Mountain — Technical Services —

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
5W25W3N-01	70867	0.85	9	67
	70868	0.41	4	82
	70869	4.97	33	196
5W25W3N-02	70870	1.48	13	168
	70871	7.07	47	1512
	70872	11.84	93	485
	70874	2.88	75	121
5W25W3N-03	70875	0.5	4	38
	70876	0.95	16	98
	70877	8.91	64	228
	70878	4.63	33	159
5W25W3N-04	70879	0.39	10	79
	70880	1.07	9	60
	70881	0.74	9	77
	70882	4.86	37	689
5W25W3N-05	70883	3.71	30	369
	70884	5.58	59	686
	70885	0.38	3	20
5W25W3N-06	70887	3.56	24	123
5W25W3N-07	70994	0.68	5	36
	70995	1.76	13	142
	70996	1.24	11	106
5W25W3N-08	70997	0.08	1	10
	70999	0.59	6	54
	71000	0.93	9	96
	177501	0.86	8	57
5W25W3N-09	177502	0.03	1	2
	177503	0.23	1	21
	177504	1.88	16	154
5W25W3N-10	177505	0.15	1	1
	177506	0.91	10	33
	177507	0.72	7	25
5W25W3N-11	177509	0.26	6	30
	177510	0.67	9	47
	177511	1.39	13	150
5W25W3S-01	70967	0.02	1	3
	70968	0.01	1	4
	70969	0.02	1	7
5W25W3S-02	70970	0.01	1	6
	70971	0.02	1	4
	70972	0.01	1	17
5W25W3S-03	70973	0.03	1	6
	70974	0.01	1	4
	70975	0.01	1	5
5W25W3S-04	70976	0.03	1	1
	70977	0.02	1	1
	70978	0.01	1	1
	70979	0.02	1	1
	70980	0.02	4	6
5W25W3S-05	70981	0.02	1	1
	70983	0.9	7	376
	70984	0.27	1	16
	70985	0.14	1	4
5W25W3S-06	70986	1.72	14	159
	70987	0.15	1	5
	70988	3.49	29	214
	70989	1.48	12	260
5W25W3S-07	70990	0.37	2	30
	70991	5.86	51	677
	70992	2.38	26	168
	70993	3.24	27	356
5W25W3S-08	177724	0.71	6	74
	177725	1.84	18	209
	177726	2.61	24	139
	177727	2.01	18	621
5W25W3S-09	177721	1.26	13	91
	177722	2.55	22	295
	177723	0.07	1	7
5W25W3S-10	177715	0.34	4	38
	177716	0.2	1	16
	177718	0.18	3	27
	177719	1.26	12	139
	177720	5.03	42	436

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
5W25W3S-11	177711	0.09	1	17
	177712	0.4	3	53
	177713	4.85	51	504
	177714	8.8	86	591
5W25W3S-12	177706	0.53	4	226
	177707	2.31	20	279
	177708	5.48	49	550
	177710	4.65	41	272
5W25W3S-13	177703	0.41	5	34
	177704	2.9	22	196
	177705	5.07	41	225
5W25W3S-14	177698	0.03	1	4
	177699	0.05	1	6
	177700	0.17	1	16
	177701	2.82	23	191
	177702	2.86	28	250

BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 5 - 750m Elevation - AREA 05

DATE:	2014/04/09

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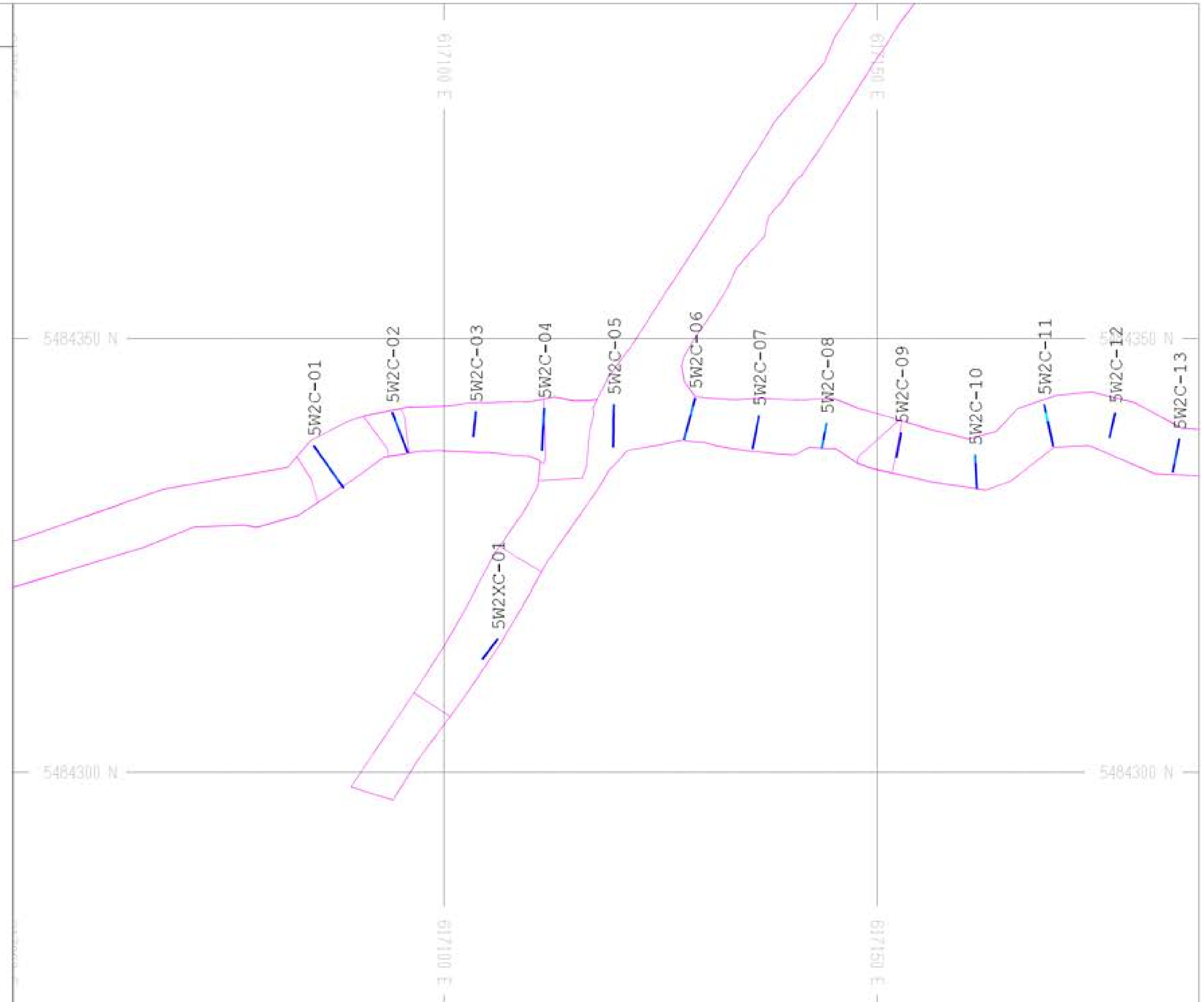
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
SW2C-01	70888	0.06	1	11
	70889	2.36	16	264
	70890	1.13	10	118
	70891	1.13	8	119
	70892	1.2	9	164
	70893	0.03	1	13
SW2C-02	70894	0.51	3	29
	70895	0.53	4	22
	70896	1.65	10	139
	70898	2.57	14	166
	70899	0.38	2	35
SW2C-03	70900	0.46	3	33
	70901	0.5	1	41
	70902	1.39	9	118
SW2C-04	70903	0.15	1	19
	70904	0.06	1	4
	70905	0.18	1	13
	70906	2.1	13	457
	70907	1.15	8	136
SW2C-05	70908	0.03	1	4
	70909	0.3	1	25
	70910	0.6	4	72
	70911	0.8	5	73
	70913	1.71	10	143
SW2C-06	70917	2.74	15	625
	70918	0.33	2	114
	70919	0.73	5	59
	70920	3.45	24	391
	70921	0.74	5	114
SW2C-07	70923	0.04	1	21
	70924	0.92	6	287
	70925	0.51	4	54
	70926	1.43	9	264
SW2C-08	70927	3.31	19	222
	70928	0.3	1	39
	70929	3.34	20	255
SW2C-09	70930	0.65	5	125
	70931	1.64	12	347
	70933	0.95	6	126
SW2C-10	70934	0.24	1	23
	70935	0.13	1	18
	70936	0.6	5	29
	70937	3.4	22	535
SW2C-11	70938	0.54	3	22
	70939	0.09	1	11
	70941	0.03	1	4
	70942	5.49	41	403
	70943	1.24	10	140
SW2C-12	70944	1.14	8	184
	70945	0.81	6	226
	70946	0.29	2	54
SW2C-13	70947	0.69	5	31
	70948	2.43	18	158
	70949	1.26	10	95
	70950	0.03	1	4
SW2XC-01	70914	0.66	3	78
	70915	0.71	3	101
	70916	0.04	1	13



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 5 - 750m Elevation - AREA 06

DATE:	**2014/04/09**

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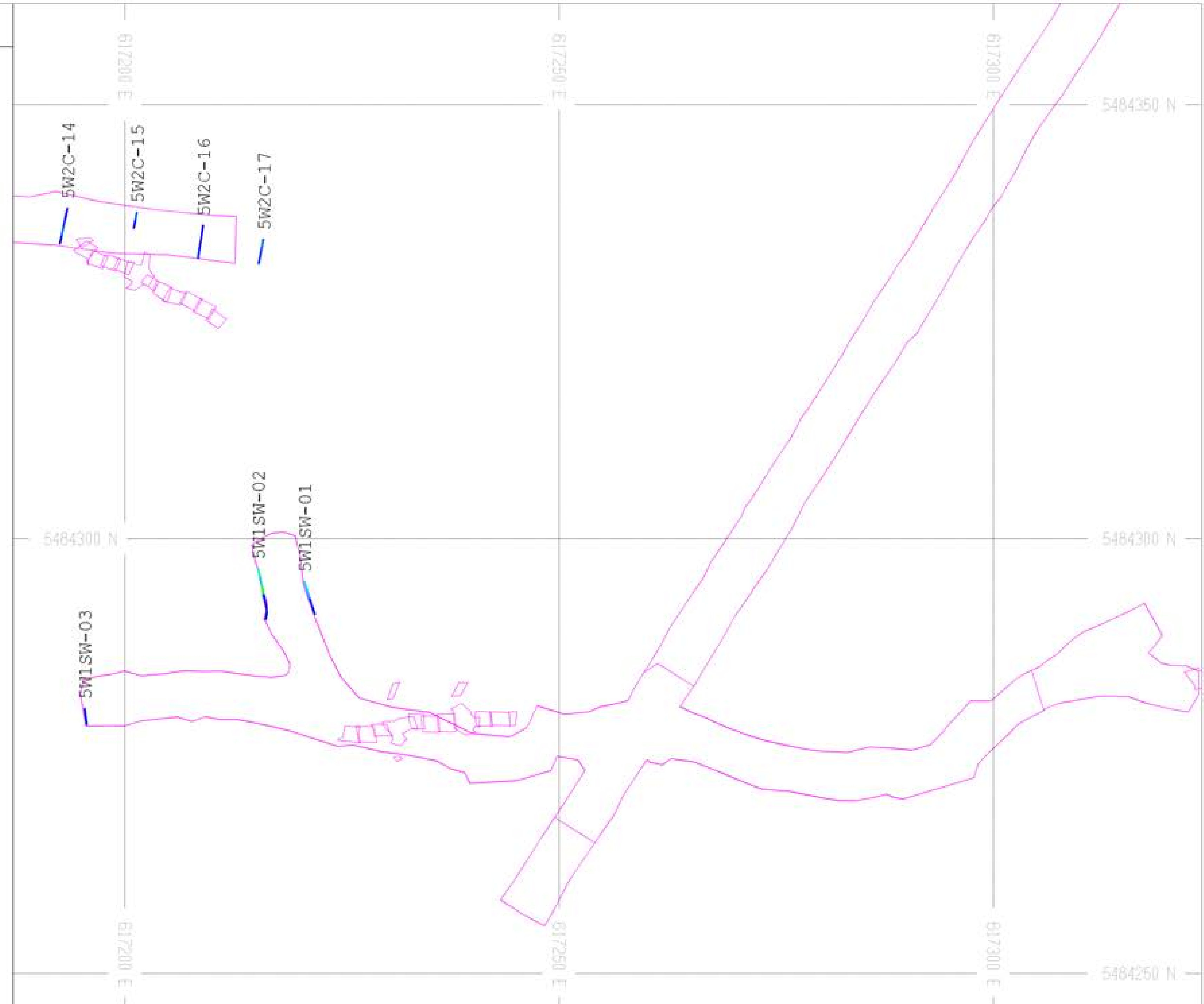
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
5W1SW-01	70859	0.47	3	51
	70860	1.67	9	188
	70861	4.54	26	478
	70862	5.73	32	367
5W1SW-02	70850	0.51	3	173
	70851	0.86	5	82
	70852	0.79	5	60
	70853	10.02	53	677
	70854	4.94	28	332
	70855	7.18	44	282
5W1SW-03	70865	0.53	3	62
	70866	0.28	1	24
5W2C-14	70951	0.28	2	25
	70952	2.38	23	235
	70953	1.05	8	37
	70954	0.06	2	8
5W2C-15	70956	0.08	1	7
	70957	2.66	24	271
5W2C-16	70958	1.72	10	272
	70959	0.33	2	48
	70960	0.06	1	6
	70961	0.07	1	3
5W2C-17	70962	1.42	11	91
	70963	1.73	13	196
	70965	2.04	16	199



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 5 - 750m Elevation - AREA 07

DATE:	2014/04/09

1 : 250

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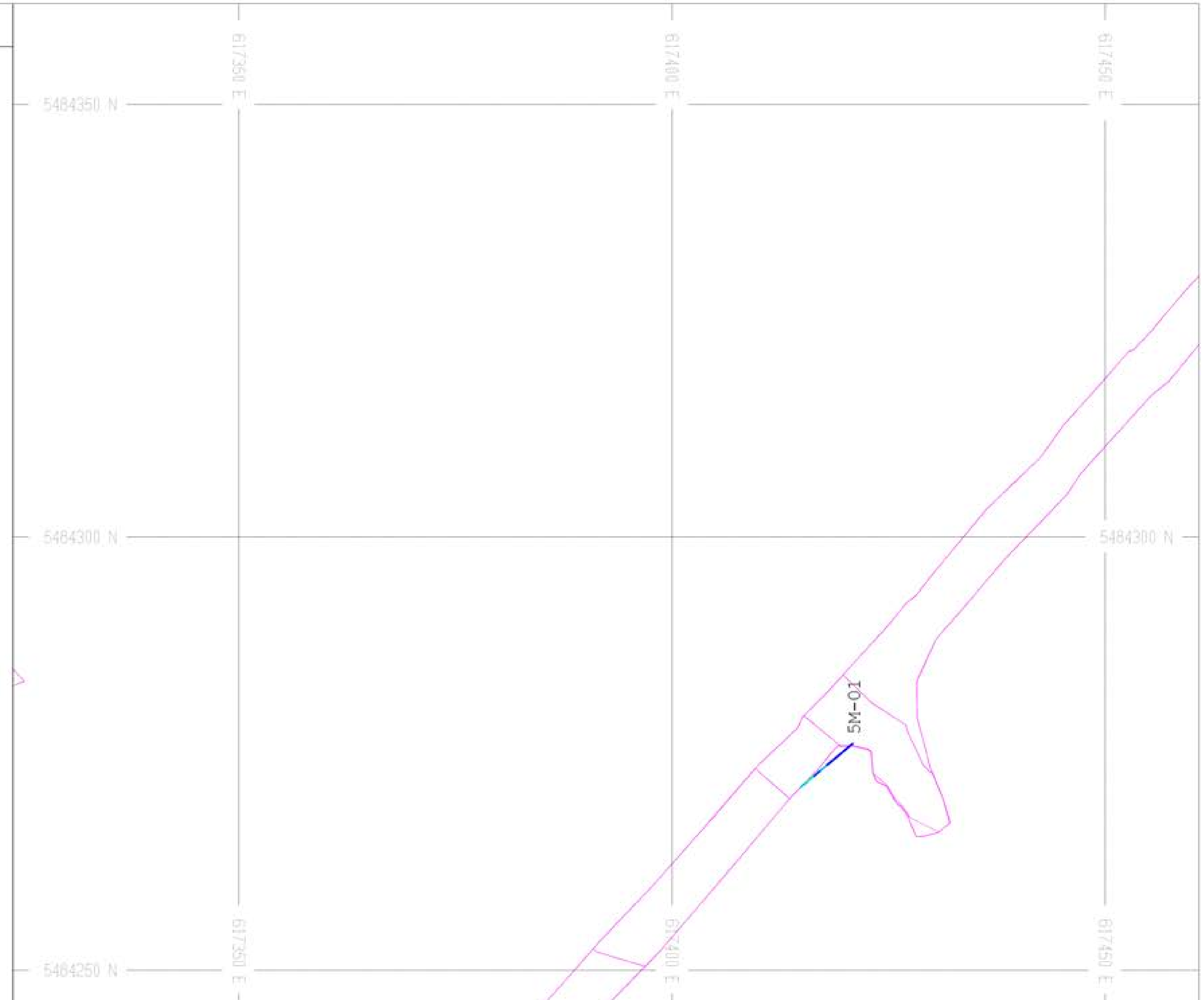
Moose Mountain
Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
5M-01	70839	4.11	64	642
	70840	7.16	103	541
	70841	1.97	23	263
	70842	4.04	46	192
	70843	0.58	13	43
	70844	0.03	1	12
	70845	0.48	13	48
	70846	0.04	1	8



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 5 - 750m Elevation - AREA 08

DATE:	2014/04/09

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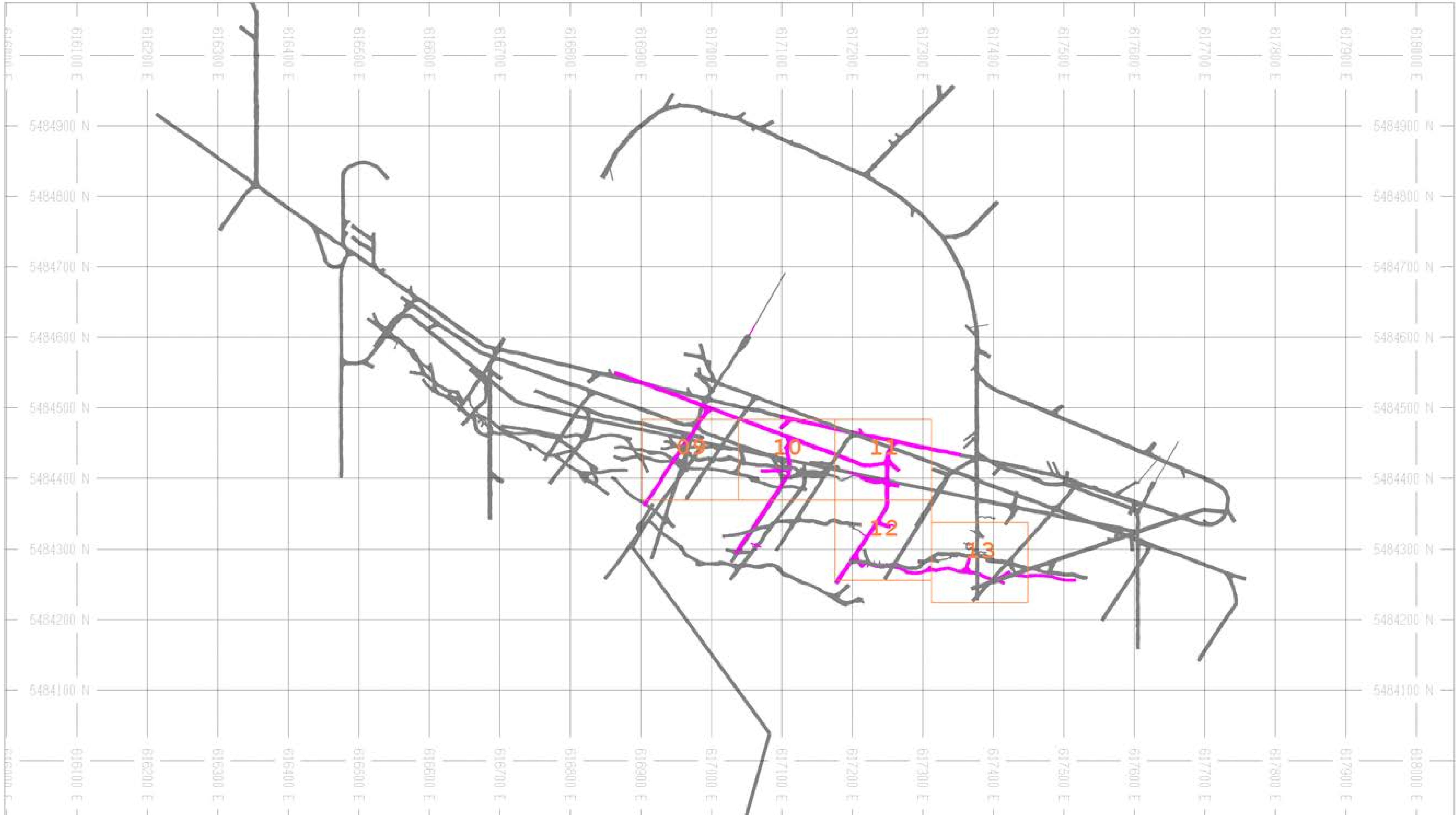
Moose Mountain Technical Services



BUL RIVER DEVELOPMENT - 2014

LEVEL 6 - 710m Elevation - INDEX MAP

DATE: 2014/04/08

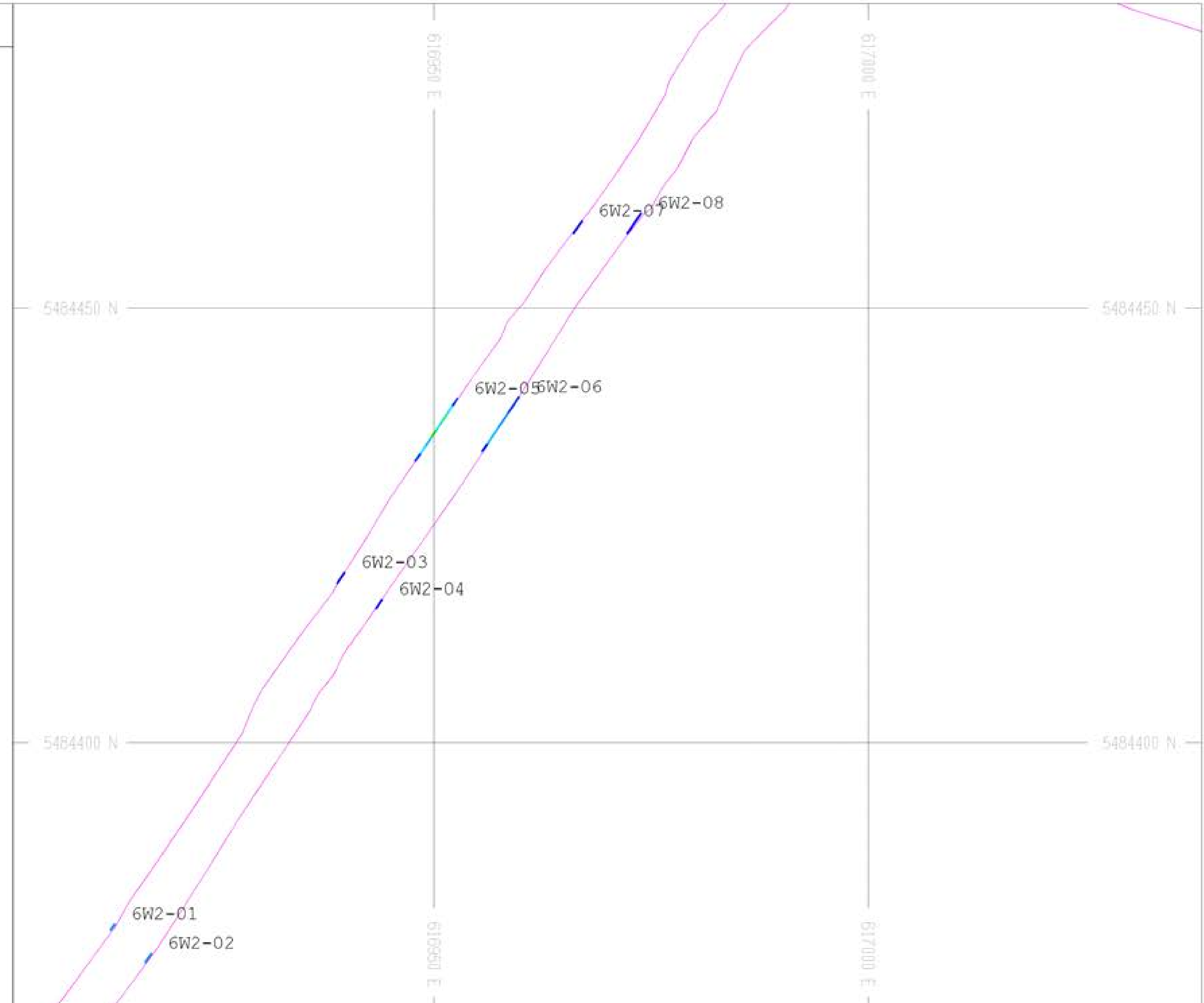
1 : 2500

N

Moose Mountain
Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6W2-01	69547	3.21	24	469
6W2-02	69548	3.78	22	395
6W2-03	69549	0.45	3	79
6W2-04	69551	0.53	4	67
6W2-05	69552	1.05	7	50
	69553	5.25	41	542
	69554	4.55	35	457
	69555	10.39	76	1426
	69556	5.92	48	1664
	69557	8.32	65	1264
	69558	5.47	43	1281
	69559	1.57	12	129
6W2-06	69560	0.72	6	49
	69561	4.23	33	468
	69562	4.87	39	680
	69563	3.56	27	412
	69564	3.31	30	707
	69565	1.04	9	76
	69567	1.31	10	68
6W2-07	69569	0.4	4	21
	69570	0.05	1	7
6W2-08	69571	0.29	2	25
	69572	0.21	1	18
	69573	0.06	1	7



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 6 - 710m Elevation - AREA 09

DATE:	2014/04/09

1 : 250

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Moose Mountain
Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6W1-01	69516	0.1	1	15
6W1-02	69514	0.03	1	9
	69515	0.41	3	31
6W1-03	69501	0.25	1	11
	69502	1.77	16	27
	69503	3.28	37	198
	69504	0.54	5	45
	69506	0.44	4	37
	69507	1.78	17	222
	69508	2.76	25	76
6W1-04	69517	5.6	56	801
	69518	1.12	11	88
	69519	1	9	55
	69520	3.73	36	441
	69521	3.71	34	220
6W1-05	69523	1.28	11	89
	69524	2.78	29	193
	69525	2.61	25	683
	69526	0.38	3	34
	69527	3.33	31	283
6W1-06	69528	0.32	2	34
	69529	1.39	14	260
	69530	0.33	4	56
	69531	6.28	75	826
	69532	8.54	79	1380
6W1-07	69533	0.71	6	41
	69534	3.31	37	799
	69535	2.24	29	438
	69536	1.47	14	89
6W1-08	69537	1.19	12	101
	69538	1.15	11	182
	69539	4.64	45	904
	69540	6.17	61	668
	69541	0.65	7	182

BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 6 - 710m Elevation - AREA 10

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Moose Mountain — Technical Services —

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6N-01	69775	0.02	1	4
	69776	0.41	5	108
	69777	1.17	17	119
	69778	1.44	18	72
	69779	0.07	1	7
6N-02	69786	0.1	1	14
	69787	0.58	7	88
	69788	0.51	6	30
	69789	0.29	4	26
	69791	0.12	1	9
	69792	0.03	1	3
6N-03	69793	0.07	1	8
	69794	0.38	6	79
	69795	0.34	4	54
	69796	0.26	3	25
	69797	0.32	4	40
	69798	0.02	1	1
	69799	0.02	1	1
6N-04	69800	1.5	19	109
	69801	0.84	10	69
	69802	0.12	3	19
	69803	0.08	1	8
6N-05	69804	0.01	1	4
	69805	0.51	7	62
	69806	0.5	6	47
	69807	0.11	1	9
6N-06	69808	0.03	1	7
	69809	0.96	13	75
	69810	0.26	3	28
	69811	0.07	1	6
6N-07	69813	0.43	4	37
	69814	0.58	6	56
	69815	0.08	3	8
	69816	0.85	10	27

BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 6 - 710m Elevation - AREA 11

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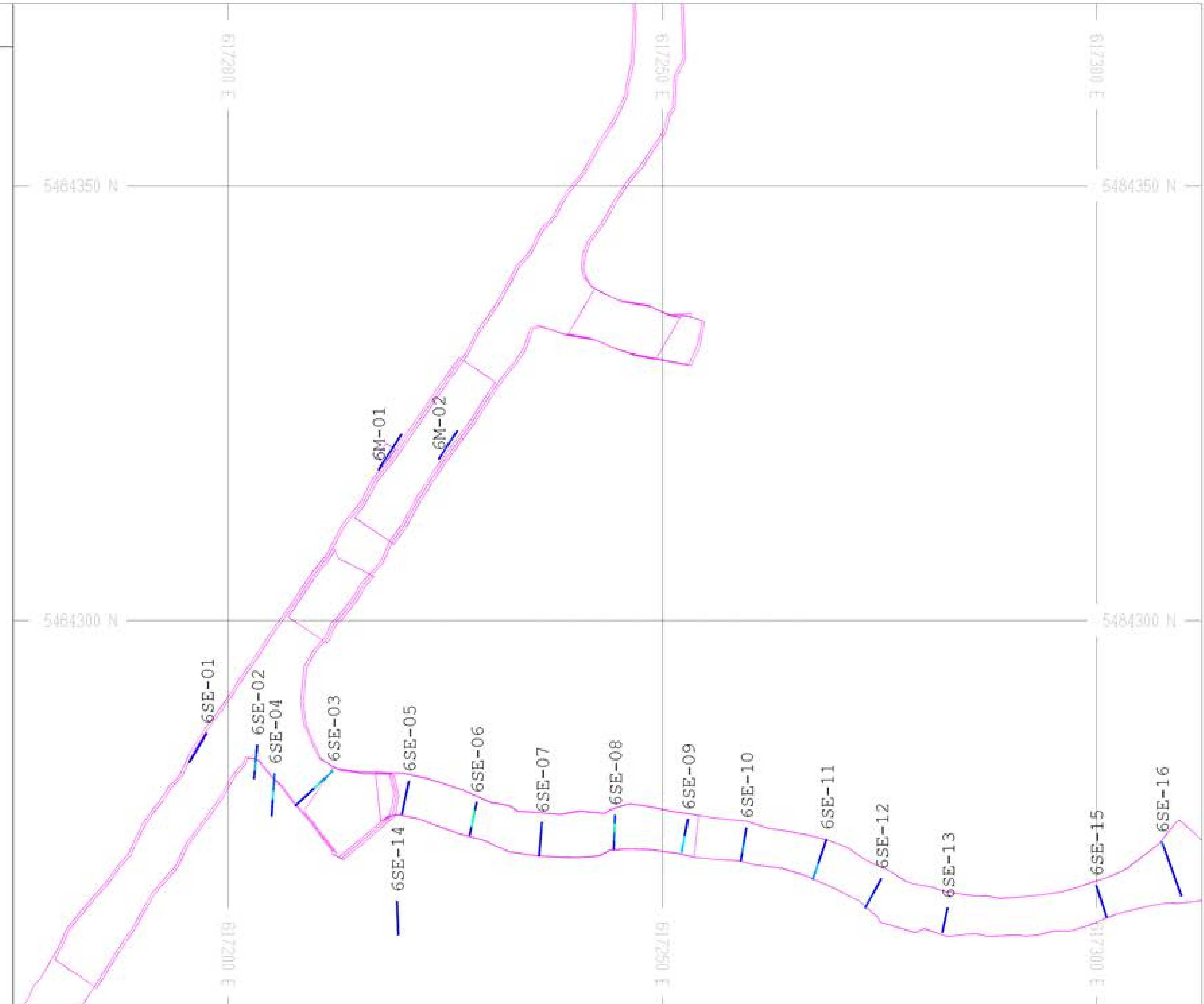
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6M-01	69766	0.38	3	30
	69767	0.13	1	30
	69768	1.04	8	112
	69769	1.00	8	88
	69770	0.29	3	23
6M-02	69771	0.10	1	18
	69772	1.48	11	145
	69773	1.65	12	164
	69774	0.03	1	5
6SE-01	69589	0.31	1	28
	69590	0.77	6	283
	69591	0.69	4	102
	69592	0.19	1	35
6SE-02	69593	0.44	2	37
	69594	4.99	26	741
	69595	2.12	12	200
	69596	0.30	1	42
6SE-03	69598	0.14	2	24
	69599	0.07	1	24
	69600	0.82	4	99
	69601	7.19	38	406
	69602	3.06	17	244
	69603	4.56	35	518
6SE-04	69605	0.40	2	35
	69606	0.48	2	33
	69607	5.71	31	528
	69608	2.24	12	395
	69609	2.04	11	122
6SE-05	69610	0.30	1	34
	69612	0.99	11	507
	69613	0.43	3	51
	69614	0.24	1	79
6SE-06	69615	0.31	2	24
	69616	6.50	41	593
	69617	8.15	46	346
	69618	0.18	1	24
6SE-07	69619	0.21	1	71
	69620	0.32	1	29
	69621	0.16	1	13
	69622	1.55	9	172
6SE-08	69623	0.09	1	13
	69624	2.79	16	196
	69626	7.43	45	765
	69627	1.93	13	87
6SE-09	69628	4.52	29	371
	69629	5.09	32	796
	69630	0.97	8	69
	69631	0.47	3	19
6SE-10	69632	0.39	1	15
	69633	3.07	22	479
	69635	1.40	9	69
	69636	0.02	1	5
6SE-11	69638	3.48	26	53
	69639	4.90	41	276
	69640	0.61	5	57
	69641	0.36	1	15
	69642	0.05	1	3
6SE-12	69644	1.92	15	137
	69645	1.19	7	88
	69646	0.76	6	72
	69647	0.24	1	15
6SE-13	69648	0.01	1	1
	69649	0.01	1	1
	69650	0.01	1	4
6SE-14	69651	0.01	1	1
	69652	0.00	1	1
	69653	0.01	1	1
	69654	0.01	1	1
6SE-15	69655	0.01	1	1
	69656	0.05	1	5
	69657	0.04	1	3
	69659	0.03	1	1

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6SE-16	69660	0.21	2	14
	69661	0.19	1	13
	69662	0.24	2	20
	69663	0.03	1	5
	69664	0.04	1	5
	69665	0.15	1	11
	69667	2.99	22	62



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 6 - 710m Elevation - AREA 12

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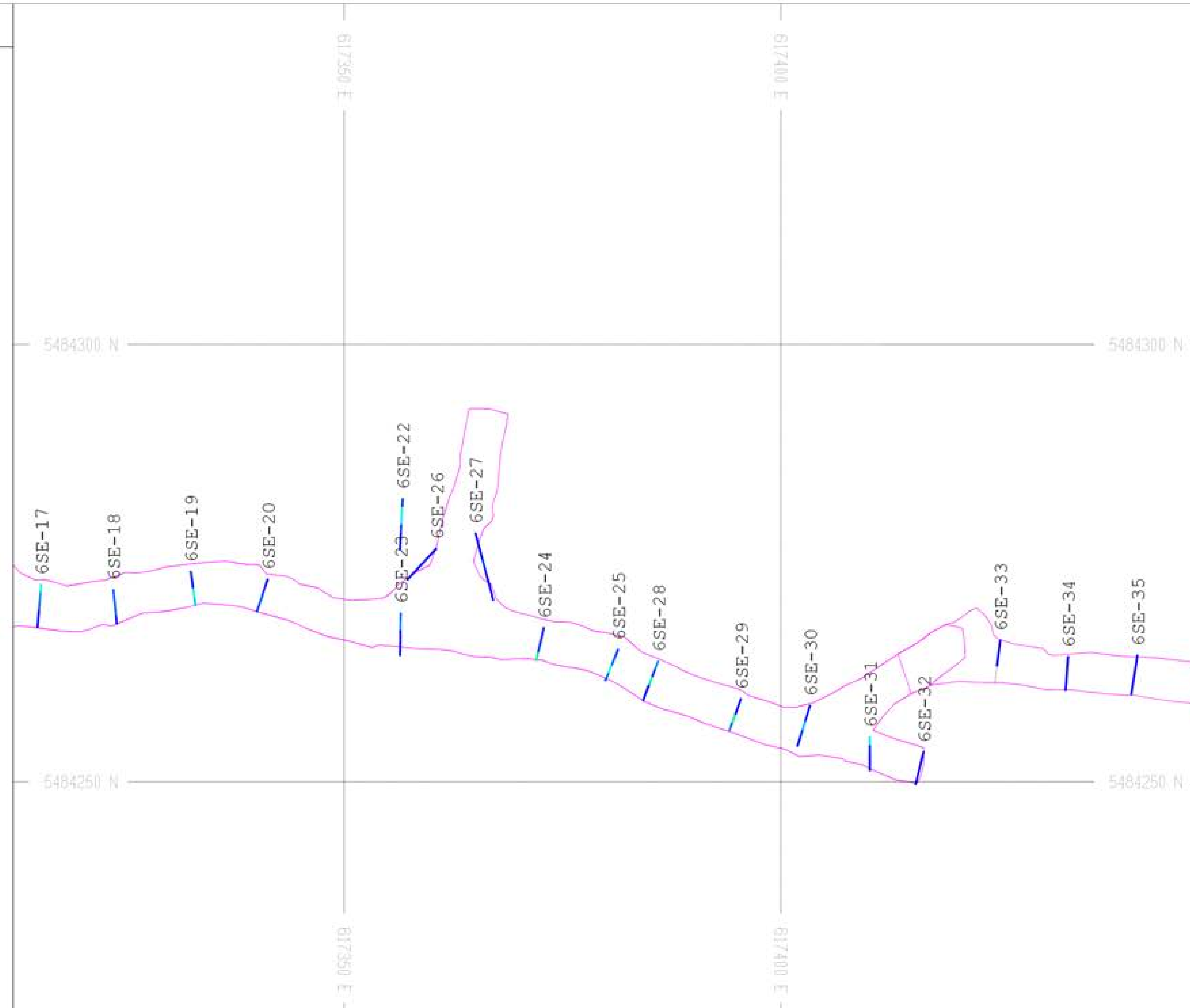
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6SE-17	69668	0.07	1	4
	69669	0.31	4	19
	69670	2.88	30	130
	69671	3.11	26	165
	69672	6.07	51	425
6SE-18	69674	0.16	1	8
	69675	2.64	27	107
	69676	2.87	25	174
	69678	2.03	18	103
6SE-19	69679	4.84	46	320
	69680	6.05	57	476
	69681	0.21	2	6
	69682	1.17	11	22
6SE-20	69683	1.16	13	69
	69684	2.77	27	170
	69685	1.31	13	156
	69686	0.57	5	32
6SE-22	69691	0.05	1	8
	69692	0.06	1	7
	69693	1.08	11	55
	69694	5.57	69	294
	69695	6.48	66	464
	69696	1.03	11	43
6SE-23	69699	0.13	1	12
	69700	0.29	5	22
	69701	0.88	9	169
	69702	3.55	40	370
	69703	2.83	34	194
6SE-24	69714	8	90	441
	69715	1.87	21	58
	69716	1.46	22	331
	69717	0.44	3	12
6SE-25	69719	2.99	34	317
	69720	6.29	75	163
	69721	2.55	30	749
	69722	1.2	13	91
6SE-26	69817	0.08	1	4
	69818	0.02	1	7
	69820	0.07	1	1
	69821	0.004	1	1
	69822	0.006	1	1
6SE-27	69823	0.01	1	2
	69824	0.02	1	5
	69825	0.06	1	4
	69826	0.09	1	6
	69827	1.09	7	146
	69828	0.17	1	5
	69829	0.08	1	4
	69830	0.07	1	10
6SE-28	69723	0.31	6	23
	69724	0.98	12	33
	69725	7.21	86	843
	69726	1.21	16	58
	69727	3.64	42	227
6SE-29	69729	2.38	25	186
	69730	7.36	86	232
	69731	0.44	6	36
	69732	0.77	9	63
6SE-30	69733	0.13	1	9
	69734	1.5	17	48
	69735	4.85	60	312
	69737	0.59	8	54
	69738	0.37	5	19
6SE-31	69739	0.17	1	12
	69740	0.33	3	64
	69741	1.32	16	66
	69742	5.81	73	332
6SE-32	69744	0.89	12	54
	69745	0.89	10	51
	69746	0.03	1	9
	69748	0.04	1	4

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
6SE-33	-1	-1	-1	-1
	69751	0.16	2	16
	69752	0.34	4	33
	69753	0.009	1	1
6SE-34	69755	0.01	1	3
	69756	0.02	1	5
	69757	0.55	5	43
	69758	0.008	1	2
6SE-35	69760	0.02	1	4
	69761	0.19	15	18
	69763	0.64	14	65
	69764	0.1	1	12
	69765	0.07	1	7



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 6 - 710m Elevation - AREA 13

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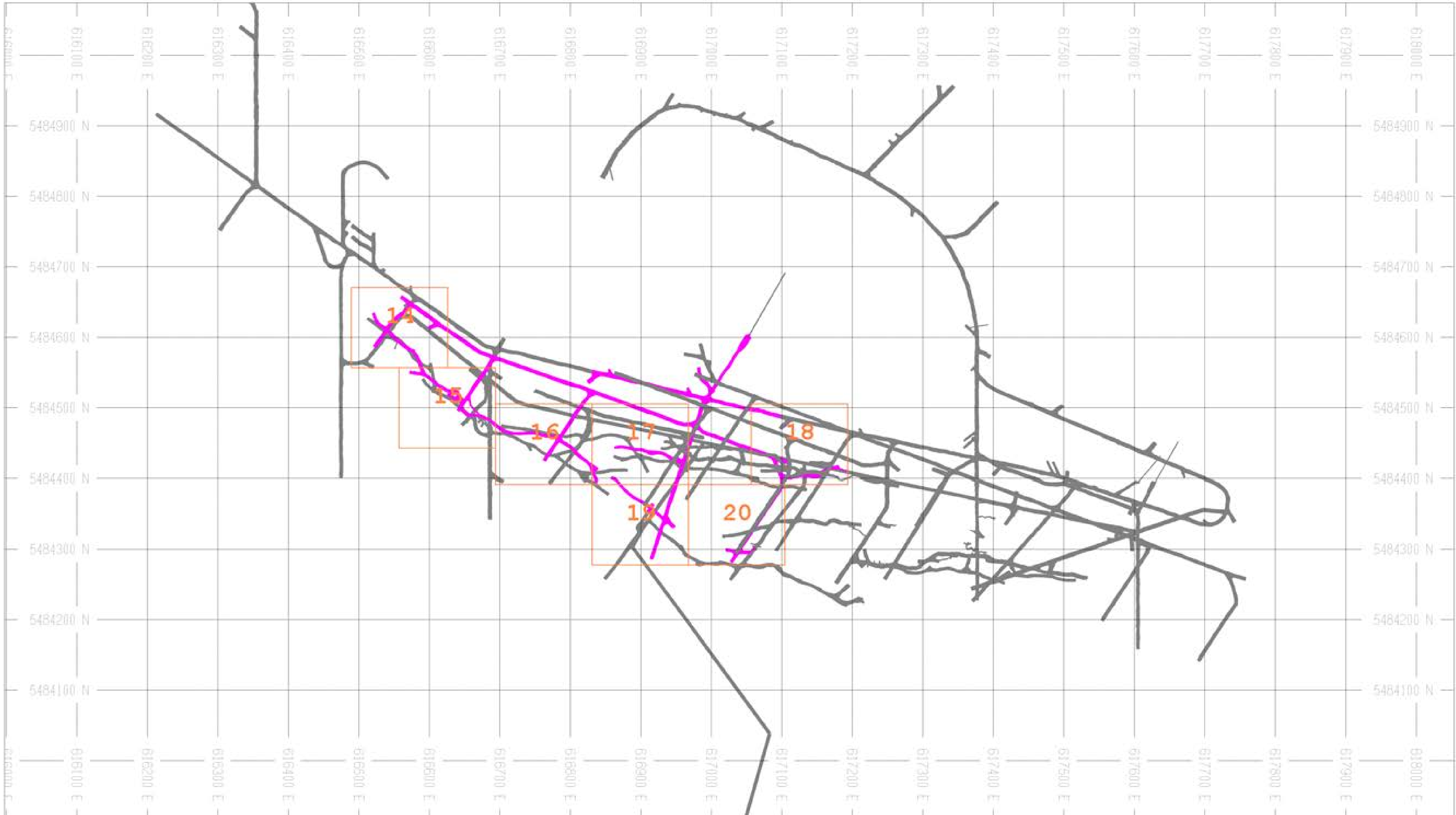

BUL RIVER DEVELOPMENT - 2014	
LEVEL 7 - 670m Elevation - INDEX MAP	
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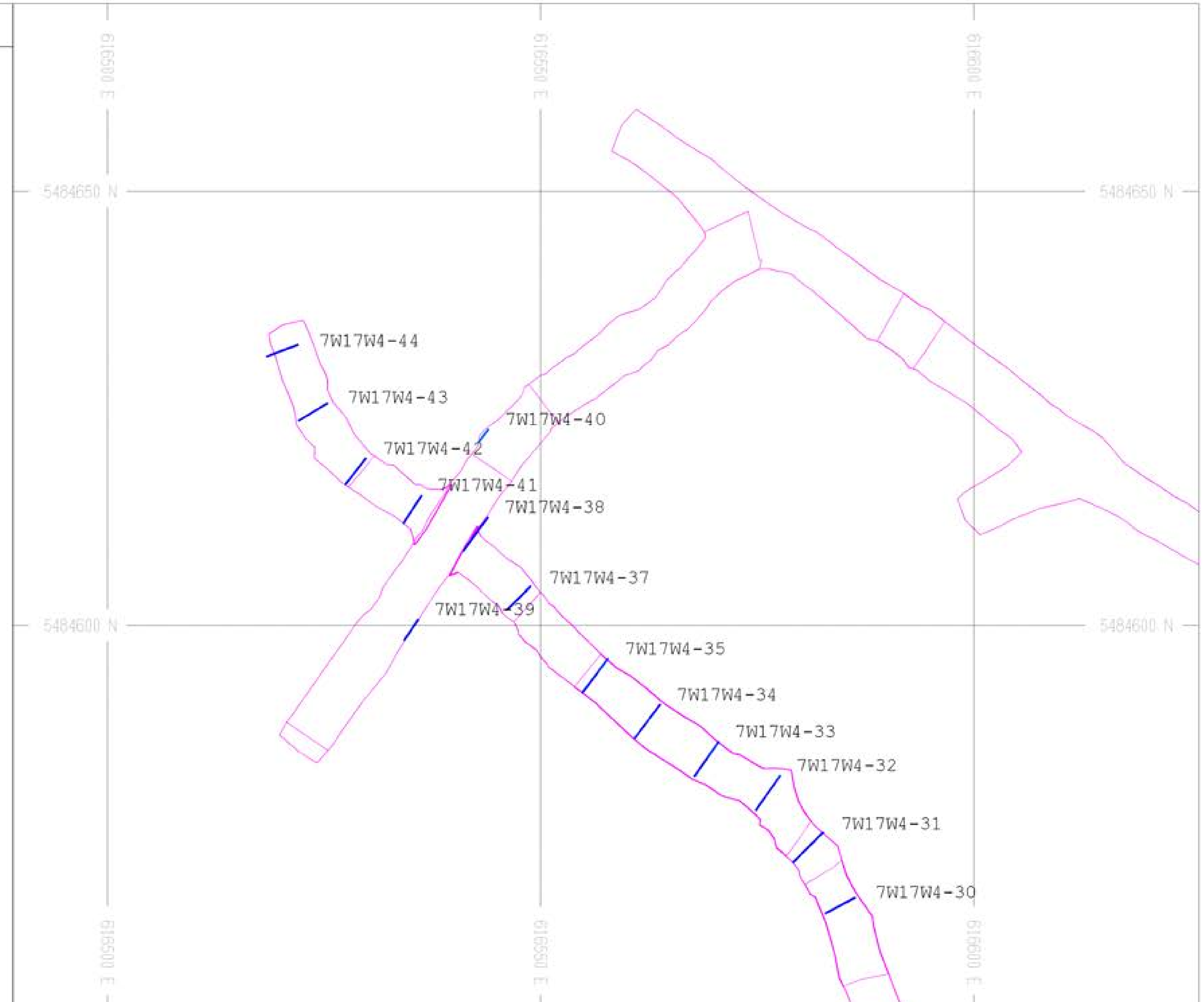
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7W17W4-30	70715	0.2	1	62
	70716	0.24	1	92
	70717	0.02	1	13
	70719	0.05	1	17
7W17W4-31	70720	0.06	1	19
	70721	0.22	1	165
	70722	0.34	3	72
	70723	0.53	4	160
	70724	0.37	1	63
7W17W4-32	70725	0.23	1	97
	70726	0.59	4	167
	70727	0.11	1	45
	70728	0.55	4	88
	70729	1.98	17	1325
7W17W4-33	70730	0.57	5	111
	70731	0.53	3	124
	70732	0.52	2	167
	70734	1.29	9	418
	70735	1.34	9	174
7W17W4-34	70736	1.02	5	278
	70737	0.25	1	88
	70738	1.23	7	244
	70739	0.51	2	149
	70740	0.79	5	71
7W17W4-35	70741	0.14	1	36
	70742	0.16	1	30
	70744	0.25	1	43
	70745	1.03	8	536
	70746	1.65	9	591
7W17W4-37	70751	0.03	1	14
	70752	0.19	1	120
	70753	0.73	5	156
	70754	0.63	5	402
7W17W4-38	70762	0.08	1	27
	70763	0.39	4	130
	70764	0.28	2	209
	70765	0.48	3	203
	70766	0.27	1	67
7W17W4-39	70755	0.72	6	267
	70756	0.24	3	146
	70757	0.18	1	33
7W17W4-40	70760	2.09	13	124
	70761	2.08	12	152
7W17W4-41	70767	0.12	1	284
	70769	0.36	4	2180
	70770	0.22	1	184
	70771	0.28	1	111
7W17W4-42	70772	0.18	1	178
	70773	0.33	1	48
	70774	0.32	1	73
	70775	0.64	3	785
7W17W4-43	70776	0.08	1	79
	70777	0.18	1	56
	70778	0.05	1	18
	70779	0.14	1	115
7W17W4-44	70780	0.38	1	135
	70781	0.18	1	194
	70783	0.04	1	939
	70784	0.31	1	38



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 14

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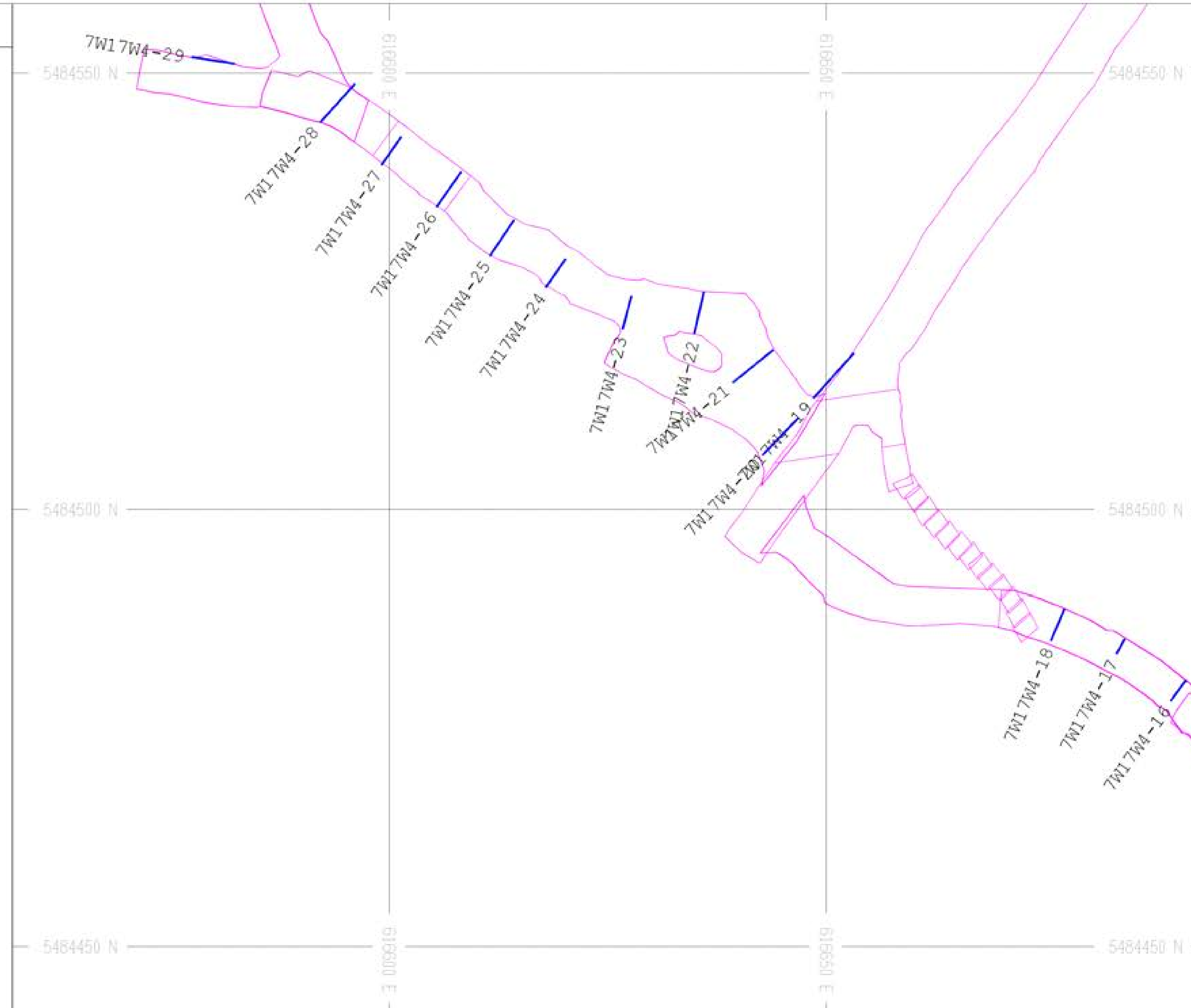
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7W17W4-16	70639	0.19	1	120
	70640	0.13	1	298
	70641	0.06	1	92
7W17W4-17	70642	0.11	1	85
	70643	0.05	1	903
7W17W4-18	70644	0.12	1	893
	70646	0.05	1	629
	70647	0.12	1	90
	70648	0.06	1	80
7W17W4-19	70649	0.22	1	67
	70650	0.13	1	44
	70651	0.34	6	10000
	70652	1.28	9	1030
	70653	0.19	1	170
	70654	0.5	3	154
	70655	0.31	2	58
7W17W4-20	70659	0.06	1	318
	70660	0.29	1	85
	70661	0.63	3	287
	70662	0.54	3	93
	70663	0.86	3	126
	70664	0.73	2	200
7W17W4-21	70665	1.06	6	1318
	70666	0.3	1	77
	70667	0.25	1	129
	70668	1.28	10	451
	70669	0.78	6	295
	70671	0.4	1	172
7W17W4-22	70673	0.24	1	118
	70674	0.43	1	419
	70675	0.08	1	16
	70676	0.7	5	162
	70677	0.73	5	97
7W17W4-23	70678	0.05	1	186
	70679	0.26	1	198
	70680	0.59	1	1349
	70681	0.13	1	122
7W17W4-24	70683	0.17	1	86
	70684	0.46	4	101
	70685	0.73	1	106
	70686	0.15	1	2137
7W17W4-25	70687	0.3	1	124
	70688	0.08	1	41
	70689	0.03	1	15
	70690	0.03	1	28
	70691	0.61	3	160
7W17W4-26	70692	0.06	1	14
	70693	0.03	1	8
	70694	0.09	1	15
	70696	0.73	4	450
	70697	0.85	6	427
7W17W4-27	70698	0.15	3	26
	70699	0.01	2	10
	70700	0.1	1	76
	70701	0.01	1	11
7W17W4-28	70702	0.07	1	16
	70703	0.01	1	4
	70704	0.008	1	1
	70705	0.009	1	5
	70706	0.02	1	8
	70707	0.16	1	8291
7W17W4-29	70708	0.09	1	23
	70709	0.08	1	76
	70710	0.16	1	121
	70712	0.19	1	50
	70713	0.1	1	17



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 15

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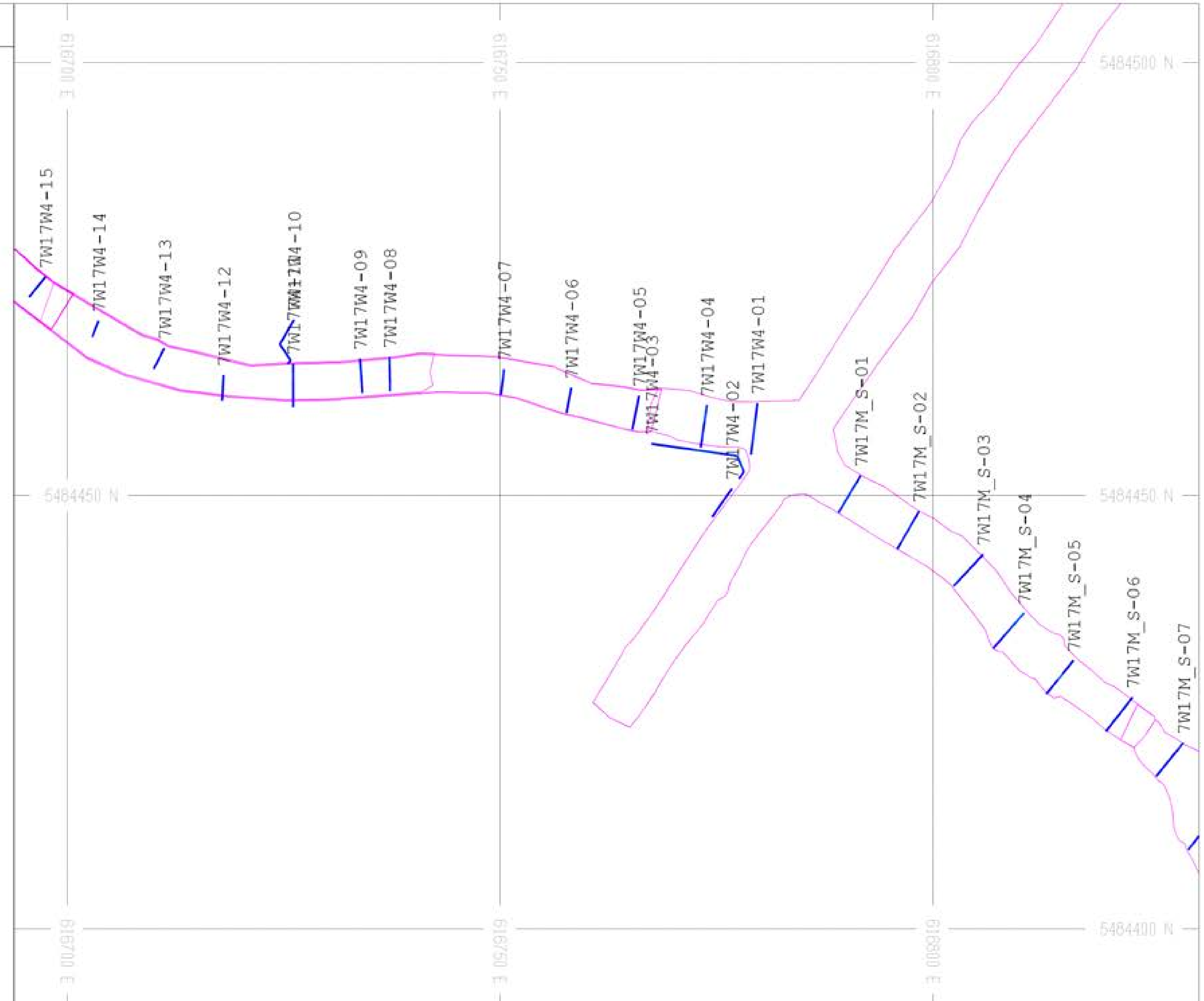
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7W17M_S-01	70785	1.54	12	309
	70786	1.55	12	701
	70787	1.15	9	253
	70788	1.09	8	129
	70789	0.98	7	259
7W17M_S-02	70790	0.09	1	42
	70791	1.62	11	625
	70792	1.44	10	236
	70793	1.42	12	4221
	70794	0.74	5	97
7W17M_S-03	70796	1.52	10	1125
	70797	0.83	5	553
	70798	0.23	1	397
	70799	0.99	6	1564
	70800	0.2	1	67
7W17M_S-04	70801	0.39	3	258
	70802	0.35	3	385
	70803	1.08	8	1293
	70804	1.36	10	629
	70805	2.39	20	2201
7W17M_S-05	70806	0.14	1	59
	70807	0.21	1	224
	70808	2.59	19	1801
	70810	0.54	3	296
	70811	0.56	3	403
7W17M_S-06	70812	0.67	5	417
	70813	0.49	4	249
	70814	0.57	1	171
	70815	0.56	1	696
	70816	0.21	1	210
7W17M_S-07	70817	0.04	1	28
	70818	0.31	1	140
	70819	0.73	3	122
	70820	0.91	4	1236
	70822	1.02	6	505
7W17W4-01	70582	0.16	1	41
	70583	1.43	12	687
	70584	1.02	9	258
	70585	1.14	7	270
	70586	0.77	6	219
	70587	0.49	3	833
7W17W4-02	70576	0.28	1	74
	70577	0.3	1	154
	70578	0.11	1	77
	70579	0.05	1	264
7W17W4-03	70557	0.61	4	84
	70558	1.23	12	425
	70559	1.63	16	323
	70560	1.39	12	1466
	70561	0.8	8	335
	70563	1.39	11	440
	70564	1.68	16	354
	70565	1.37	11	353
	70567	0.95	34	37
	70568	0.3	1	30
	70569	0.62	4	101
	70570	0.65	6	53
	70571	0.92	9	271
7W17W4-04	70588	0.52	4	116
	70589	1.92	19	929
	70590	0.62	4	416
	70591	2.03	15	489
	70593	1.49	10	747
7W17W4-05	70594	0.18	1	148
	70595	0.88	7	169
	70596	0.56	3	179
	70597	0.89	5	261
7W17W4-06	70598	0.4	1	768
	70599	0.73	3	296
	70600	0.47	2	197
7W17W4-07	70601	0.2	1	173
	70602	0.52	4	88
	70603	1.02	9	294

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7W17W4-08	70604	1.02	5	205
	70605	0.14	1	78
	70606	0.07	1	25
	70607	1.15	8	128
7W17W4-09	70617	0.11	1	251
	70618	0.09	1	391
	70619	1.24	10	112
	70620	0.33	3	364
7W17W4-10	70608	0.28	2	158
	70610	0.1	1	37
	70611	0.06	2	156
	70612	0.1	1	107
	70613	0.06	1	53
	70614	0.02	1	73
7W17W4-11	70622	0.08	1	23
	70623	0.62	6	986
	70624	0.46	3	547
	70625	1.52	25	2442
	70626	0.05	1	194
7W17W4-12	70627	0.15	1	50
	70628	0.61	4	102
	70629	0.41	3	244
7W17W4-13	70630	0.8	6	320
	70631	0.87	6	239
	70633	0.28	1	136
7W17W4-14	70634	0.68	5	154
	70635	0.5	4	107
7W17W4-15	70636	0.87	6	263
	70637	0.2	1	257
	70638	0.04	1	158



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 16

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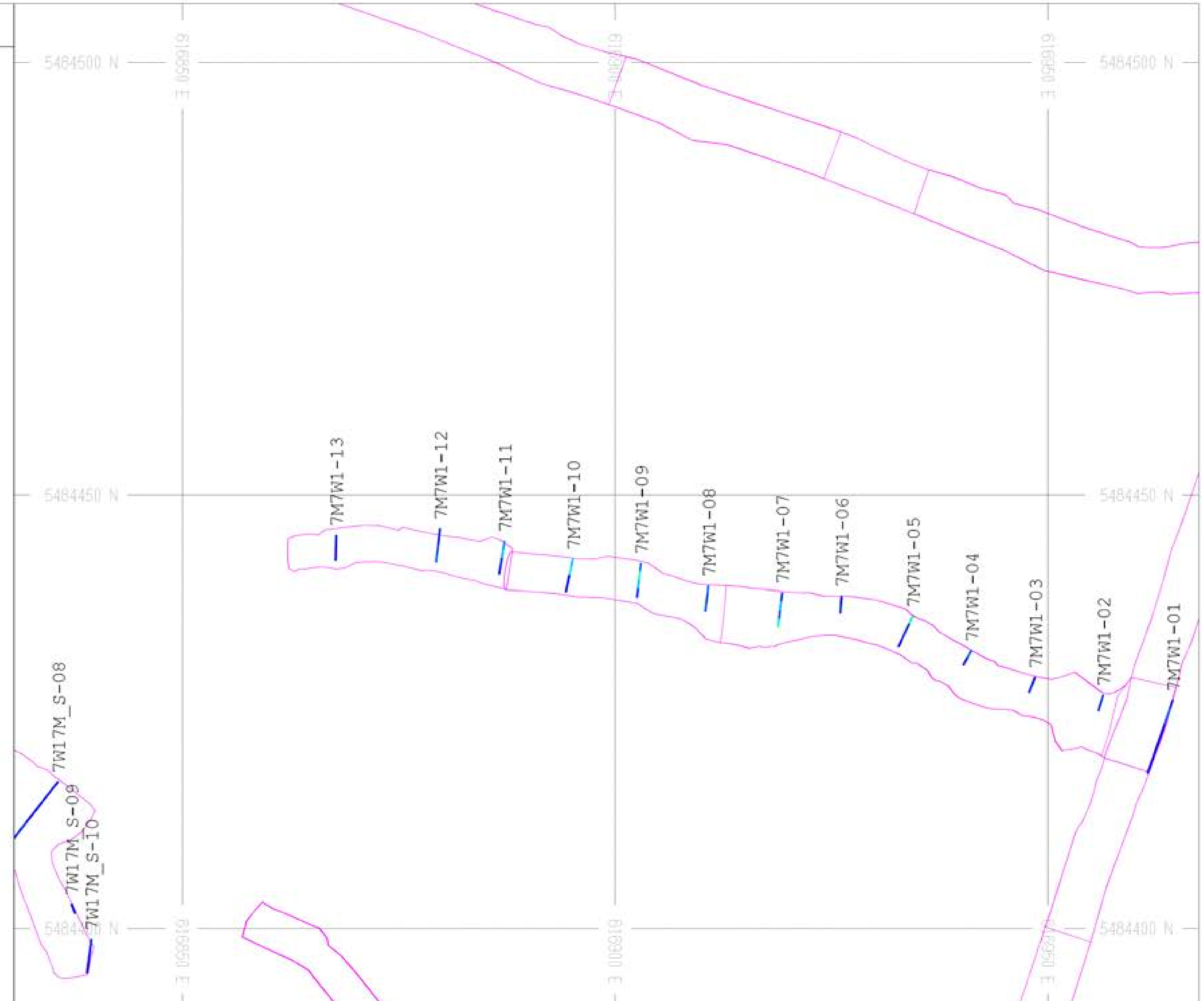
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7M7W1-01	69831	0.54	4	86
	69833	0.32	2	46
	69834	0.03	1	7
	69835	0.04	1	12
	69836	0.27	2	58
	69837	0.33	3	26
	69838	2.08	17	911
	69839	2.6	19	879
	69840	0.05	1	23
7M7W1-02	69844	1.87	15	325
	69845	1.92	15	646
7M7W1-03	69846	1.72	12	473
	69847	0.69	5	130
7M7W1-04	69848	0.41	3	55
	69849	2.51	18	428
7M7W1-05	69850	0.35	3	75
	69851	1.43	11	131
	69852	1.05	8	109
	69853	7.37	60	848
7M7W1-06	69854	1.15	9	125
	69855	0.6	4	47
7M7W1-07	69856	6.41	49	618
	69857	2.78	21	369
	69858	4.89	37	917
	69860	1.53	11	290
7M7W1-08	69861	2.8	21	297
	69862	1.01	12	395
	69863	2.91	23	583
7M7W1-09	69864	1.67	13	222
	69865	4.45	33	1049
	69866	6.44	48	592
	69867	2.03	15	235
7M7W1-10	69868	0.3	2	34
	69869	0.32	4	44
	69871	5.8	45	990
	69872	4.26	33	740
7M7W1-11	69873	0.37	4	46
	69874	1.08	8	123
	69875	4.05	30	1836
	69876	3.71	29	397
7M7W1-12	69877	2.01	18	911
	69878	1.69	15	954
	69879	0.37	2	63
	69880	1.99	14	175
7M7W1-13	69881	0.02	1	7
	69883	0.02	1	7
	69884	0.01	1	3
7W17M_S-08	70823	1.64	13	4155
	70824	0.4	2	70
	70825	1.11	6	383
	70826	1.41	9	259
	70827	0.35	2	83
	70828	0.36	2	414
	70829	0.18	1	106
	70830	0.35	1	200
	70831	0.6	3	126
	70832	0.31	1	62
7W17M_S-09	70838	0.35	1	2144
7W17M_S-10	70833	0.43	3	109
	70834	0.3	1	165
	70835	0.1	1	34
	70837	1.71	11	267



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 17

DATE: 2014/04/09

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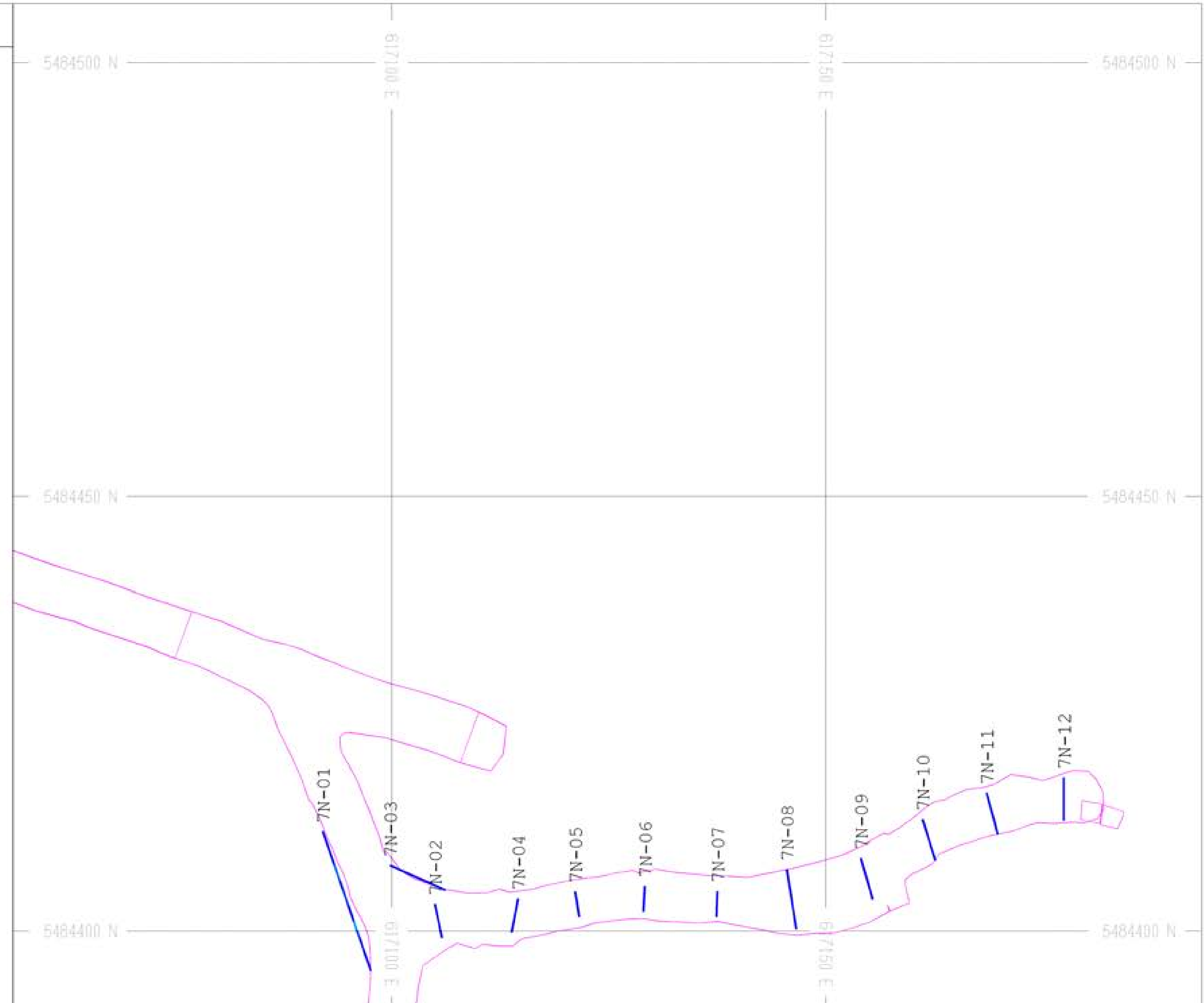
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7N-01	69953	0.03	1	7
	69954	0.06	1	13
	69955	0.1	2	16
	69956	0.17	1	23
	69957	1.82	17	289
	69958	3.39	30	227
	69959	0.1	3	28
	69961	0.27	4	40
	69962	1.01	11	40
	69964	1.41	13	77
	69965	0.5	6	39
	69966	2.01	29	290
	69967	2.71	21	124
	69968	0.97	8	33
	69969	0.91	8	54
	69970	0.77	7	37
	69971	0.62	6	50
7N-02	69983	0.38	5	82
	69984	0.08	1	72
	69985	0.08	1	17
	69986	0.02	1	12
7N-03	69972	0.14	1	10
	69973	0.13	1	23
	69974	0.12	1	20
	69975	0.61	5	181
	69976	0.45	4	29
	69977	0.34	3	66
	69979	0.1	1	15
7N-04	69987	0.09	1	20
	69988	0.11	1	24
	69989	0.11	1	15
	69990	0.03	1	13
7N-05	69991	0.98	8	189
	69992	0.08	1	17
	69993	0.03	1	14
7N-06	69995	0.06	1	20
	69996	0.04	1	30
	69997	0.004	1	1
7N-07	69998	0.05	1	3
	69999	0.1	1	20
	70000	0.005	1	4
7N-08	70503	0.04	1	4
	70504	0.08	1	18
	70505	0.29	3	47
	70506	0.01	1	10
	70508	0.04	1	9
	70509	0.01	1	9
	70510	0.01	1	19
7N-09	70511	0.01	1	7
	70512	0.88	9	98
	70513	0.23	2	43
	70514	0.03	1	8
	70515	0.89	7	24
7N-10	70517	0.13	2	11
	70518	0.06	1	7
	70519	0.009	1	9
	70520	0.2	2	20
	70521	0.16	2	19
7N-11	70522	0.51	6	34
	70523	0.1	1	4
	70524	0.34	3	21
	70525	0.29	3	17
	70526	0.11	1	26
7N-12	70527	0.72	7	94
	70528	0.15	1	14
	70529	0.63	5	16
	70530	0.57	5	18
	70531	0.02	1	4



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 18

DATE: 2014/04/09

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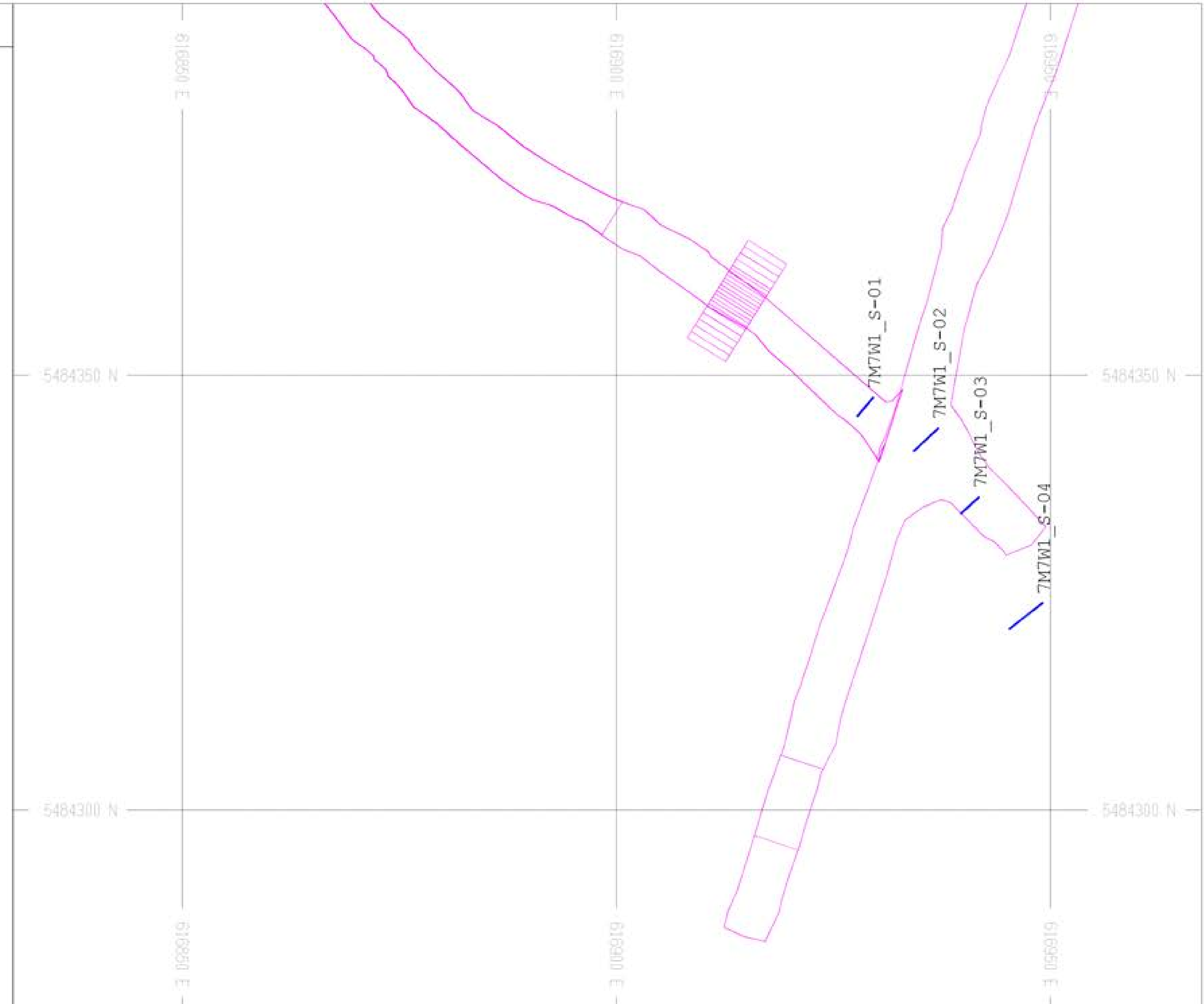
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7M7W1_S-01	69900	0.02	1	8
	69951	0.51	5	418
	69952	0.08	1	55
7M7W1_S-02	69896	0.23	1	53
	69897	0.34	4	129
	69898	0.06	1	239
	69899	0.16	1	37
7M7W1_S-03	69893	0.07	1	60
	69894	0.57	3	745
	69895	0.2	1	32
7M7W1_S-04	69885	0.07	1	16
	69886	0.31	2	85
	69887	1.56	8	401
	69888	0.1	2	50
	69889	0.1	2	35



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 19

DATE:	2014/04/09

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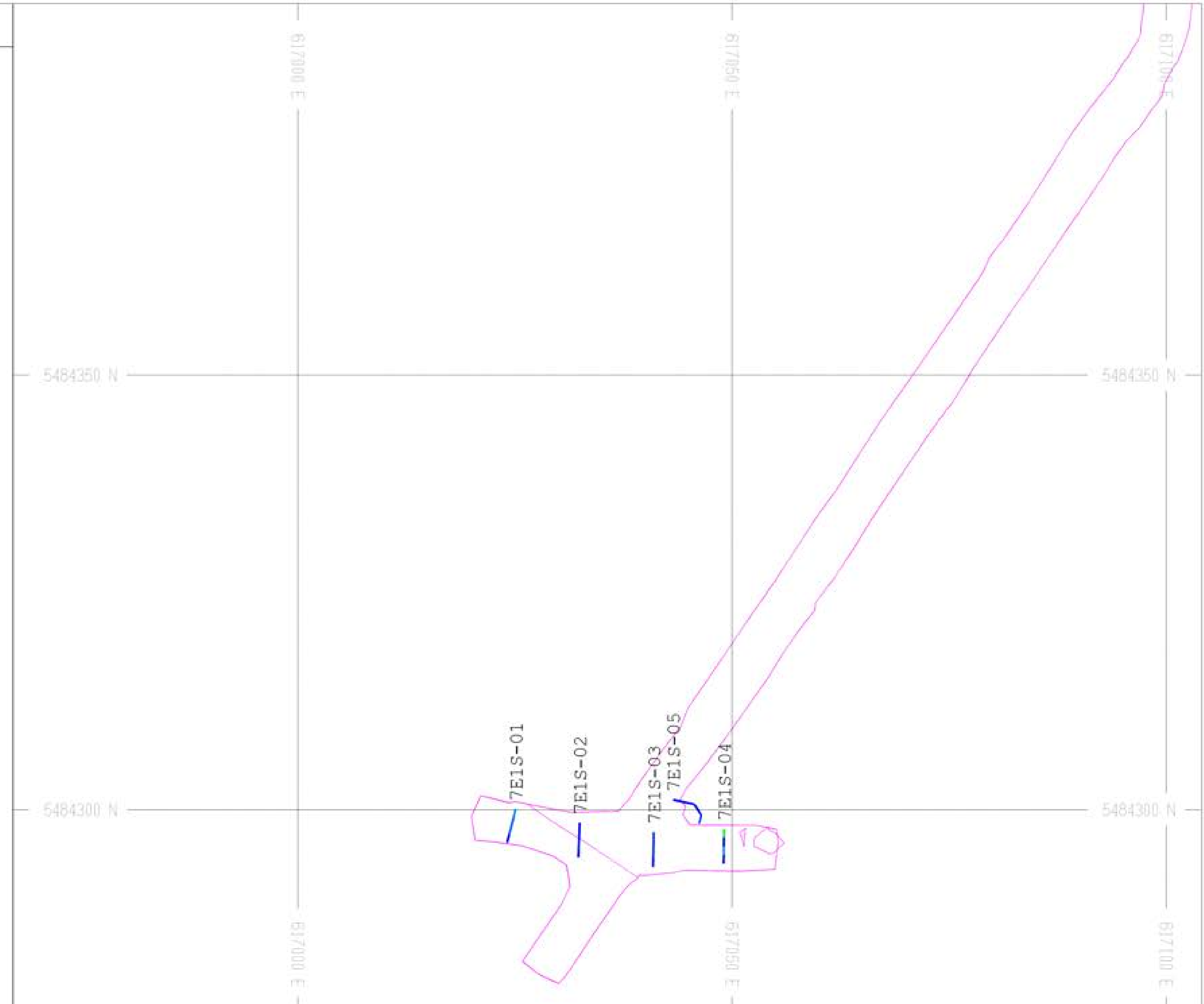
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
7E1S-01	70546	0.37	1	73
	70547	2.93	13	787
	70548	2.63	12	174
	70549	3.16	13	185
7E1S-02	70541	0.82	4	67
	70542	1.06	4	162
	70543	0.32	1	18
	70544	0.48	1	116
7E1S-03	70536	0.07	1	9
	70537	1.55	6	185
	70538	1.52	6	247
	70540	1.09	5	526
7E1S-04	70532	0.5	2	210
	70533	3.26	16	651
	70534	0.4	3	173
	70535	10.9	48	1810
7E1S-05	70550	1.17	7	188
	70551	0.58	2	145
	70552	1	2	488
	70553	0.07	1	25
	70554	0.03	1	17



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 7 - 670m Elevation - AREA 20

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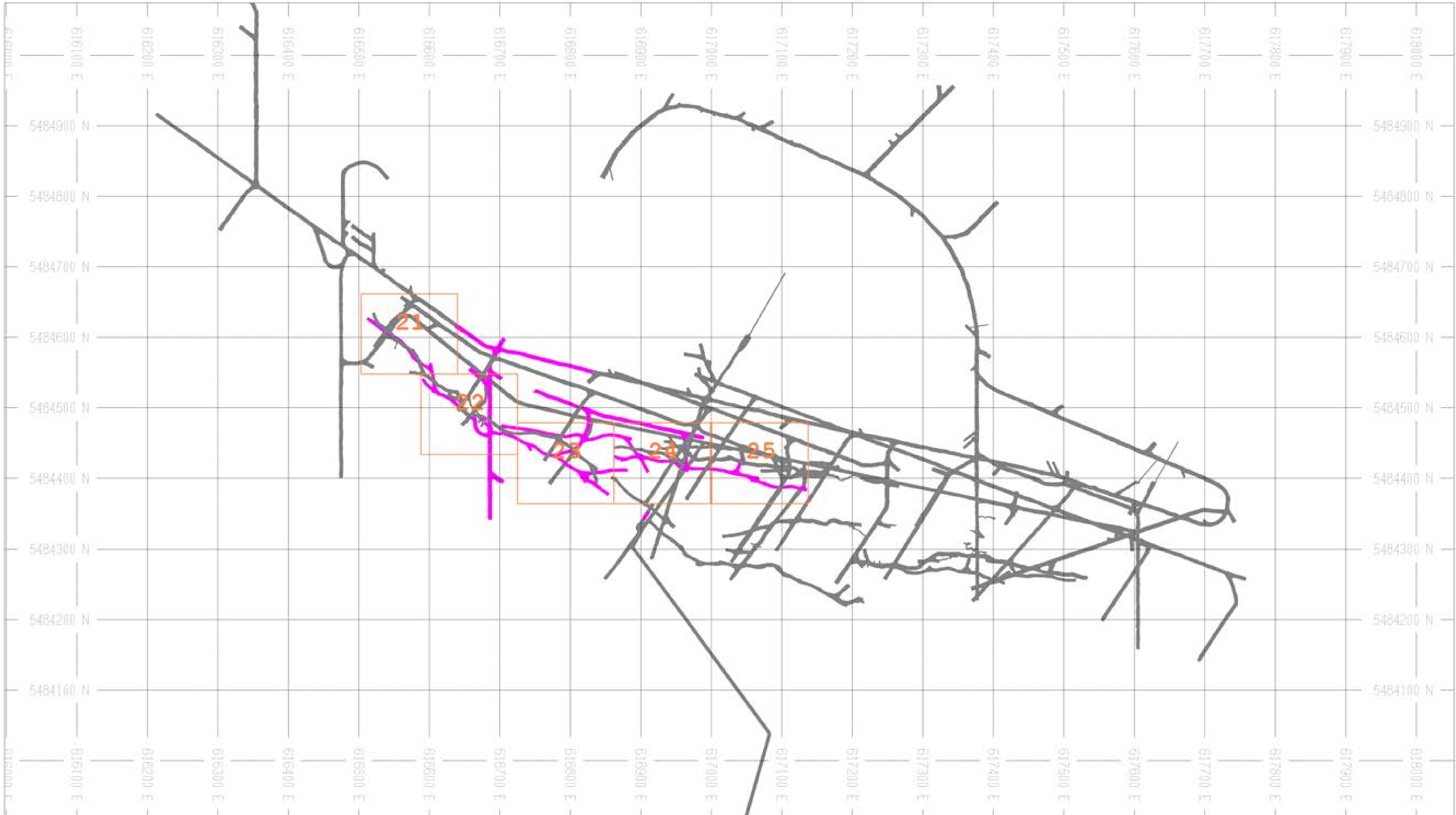
Moose Mountain Technical Services



BUL RIVER DEVELOPMENT - 2014		1 : 2500	N
LEVEL 8 - 630m Elevation - INDEX MAP			
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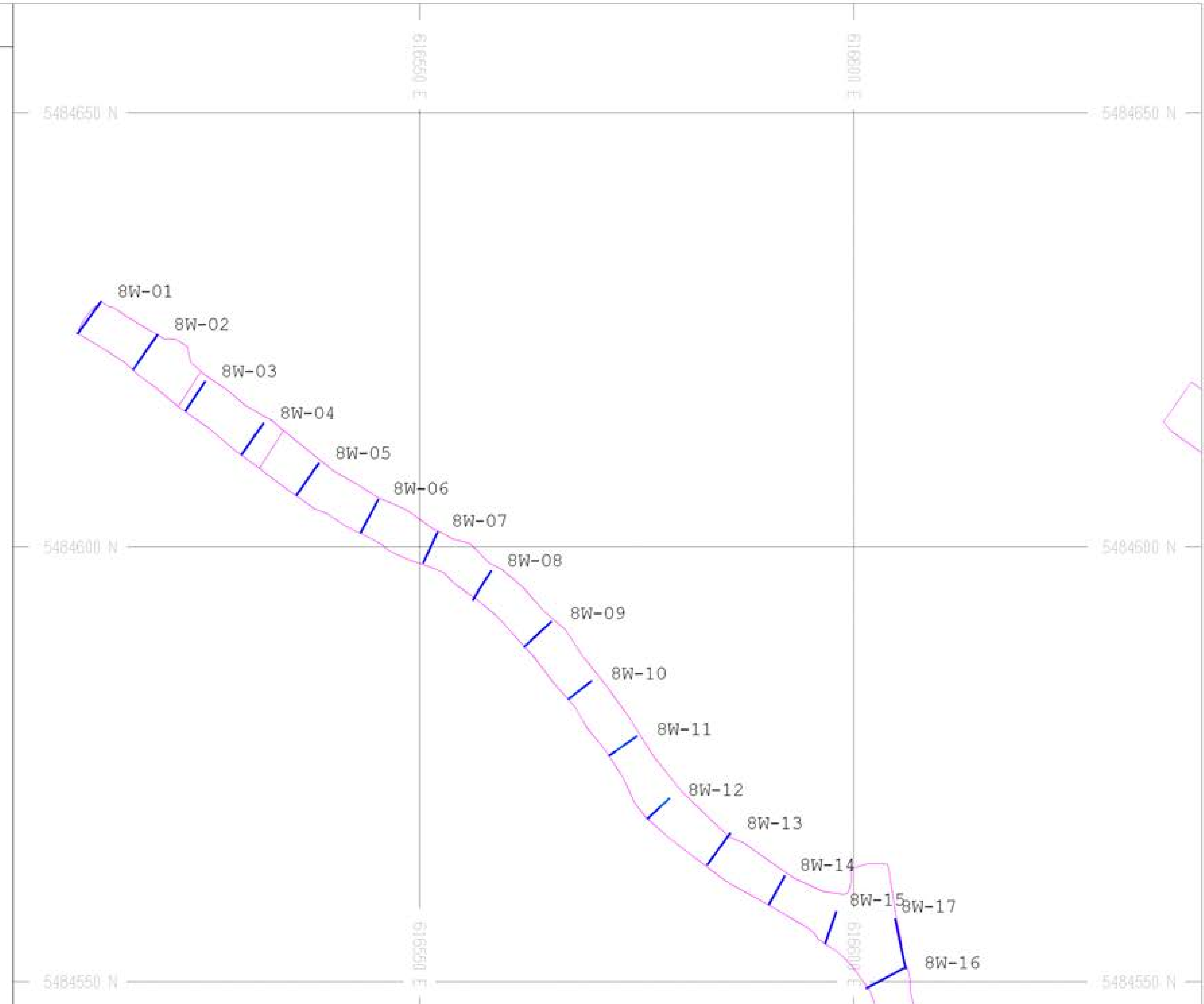
Moose Mountain
— Technical Services —

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8W-01	71916	0.28	1	178
	71917	0.21	1	86
	71918	0.44	3	288
	71919	0.55	5	94
8W-02	71925	1.77	13	569
	71926	0.39	2	96
	71927	0.31	1	79
	71928	0.23	2	192
	71929	0.09	1	108
8W-03	71930	0.04	1	11
	71931	0.65	4	51
	71932	0.66	4	581
	71933	0.08	1	44
8W-04	71935	0.18	1	171
	71936	0.32	2	68
	71937	0.79	4	140
	71938	0.4	3	299
8W-05	71939	0.51	4	136
	71940	0.27	1	26
	71941	0.2	2	119
	71942	0.44	3	87
8W-06	71943	0.93	6	980
	71944	0.48	2	306
	71945	0.26	1	34
	71947	0.53	6	558
8W-07	71948	0.08	1	176
	71949	0.54	5	347
	71950	0.5	4	434
	71951	0.4	4	61
8W-08	71952	0.2	1	29
	71953	0.03	1	26
	71954	0.25	2	300
	71955	0.09	1	14
8W-09	71956	1.04	8	218
	71958	0.89	8	320
	71959	0.51	3	63
	71960	0.46	4	76
8W-10	71961	1.05	6	135
	71962	1.04	9	273
	71963	0.08	1	35
8W-11	71964	0.23	1	38
	71965	2.76	23	664
	71966	1.06	8	626
	71967	1.19	10	252
8W-12	71968	0.2	1	44
	71969	0.18	1	38
	71971	2.14	15	249
8W-13	71972	0.1	1	36
	71973	0.42	3	74
	71974	0.76	5	64
	71975	0.22	1	32
8W-14	71976	0.88	7	312
	71977	0.26	1	28
	71978	0.45	1	69
	71979	0.07	1	17
8W-15	71980	0.31	2	23
	71982	0.85	7	88
	71983	0.27	1	110
	71984	0.72	6	175
8W-16	71994	0.01	1	23
	71995	0.004	1	6
	71996	0.02	1	4
	71997	0.03	1	5
	71998	0.02	1	12
8W-17	71985	0.09	1	68
	71986	0.13	1	33
	71987	0.19	1	41
	71988	0.32	1	38
	71989	0.07	1	12
	71990	0.02	1	9



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 8 - 630m Elevation - AREA 21

DATE: 2014/04/09

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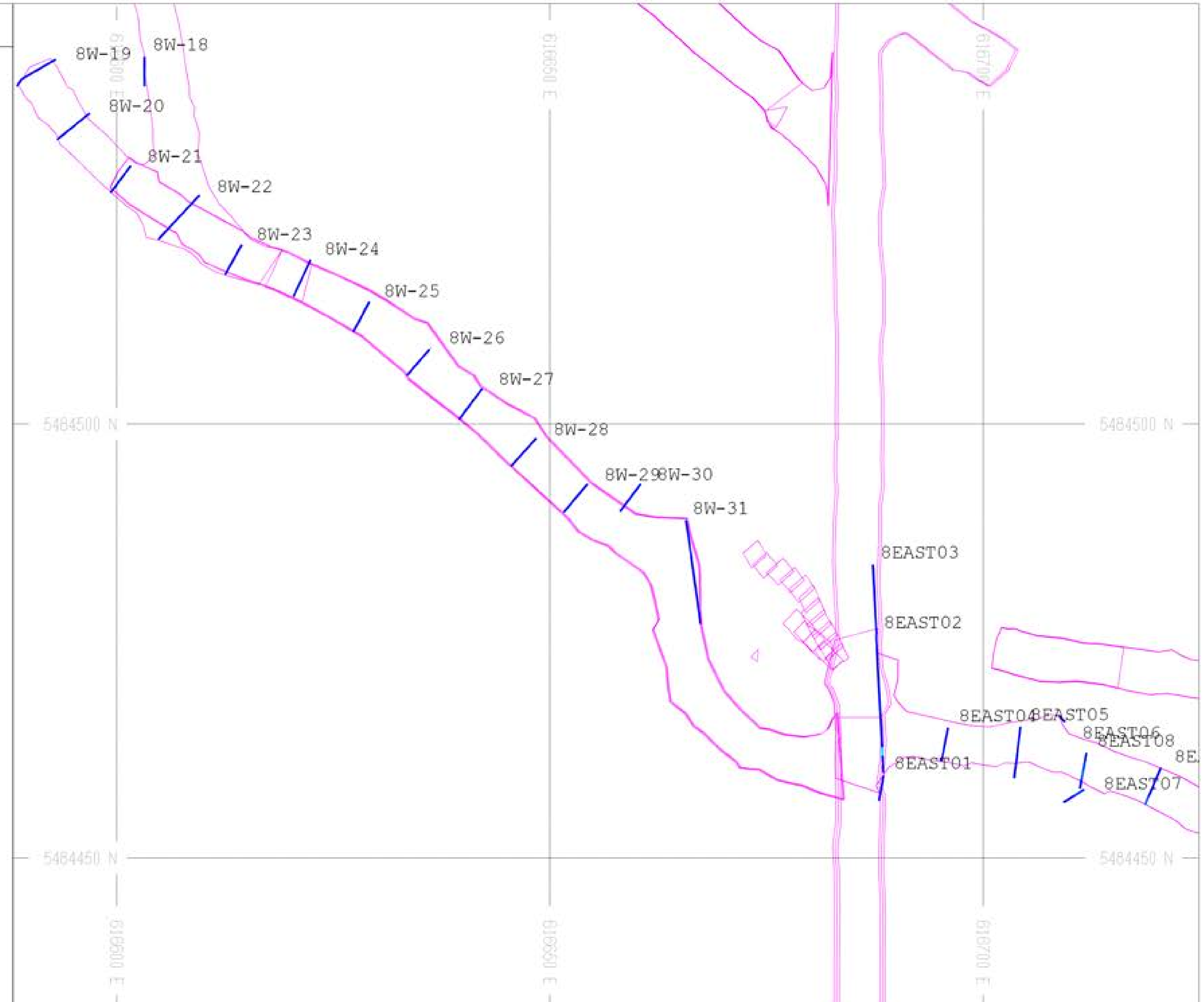
Moose Mountain
Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8EAST01	71501	0.25	1	87
	71502	0.46	1	140
	71503	0.53	3	244
8EAST02	71504	0.49	2	536
	71505	0.9	6	123
	71506	5.5	35	1484
	71507	0.13	1	15
	71508	0.12	1	15
	71509	0.12	1	7
	71510	0.01	1	12
	71511	0.23	1	110
	71513	0.002	1	38
	71514	0.3	1	64
	71515	0.18	1	53
	71516	0.35	1	114
	71517	0.33	1	54
	71518	0.84	5	376
	71519	0.45	3	72
	71520	0.15	1	45
8EAST03	71522	0.95	5	331
	71523	0.28	1	205
	71524	0.12	1	88
	71525	0.39	1	259
	71526	0.36	3	655
	71527	0.06	1	30
	71528	0.2	1	34
	71529	0.03	1	7
8EAST04	71532	0.05	1	8
	71533	0.11	1	612
	71534	0.04	1	184
	71535	0.09	1	123
8EAST05	71536	0.34	1	364
	71537	0.02	1	6
	71539	0.08	1	275
	71540	0.53	1	415
	71541	0.19	1	66
	71542	0.3	1	121
8EAST06	71548	0.22	1	63
8EAST07	71549	0.07	1	49
	71550	1.3	7	1743
8EAST08	71543	0.84	4	265
	71544	2.77	16	466
	71545	1.3	8	3869
	71547	0.24	1	59
8EAST09	71551	2.08	13	534
	71552	0.38	1	52
	71553	0.18	1	105
	71554	0.29	1	180
	71555	0.95	9	122
8W-18	71999	1	6	520
	72000	0.4	3	139
	176001	0.41	3	169
8W-19	176002	0.13	1	26
	176003	0.33	2	157
	176004	0.54	3	109
	176005	0.72	4	280
	176007	0.11	1	130
8W-20	176014	0.64	3	139
	176015	0.11	1	59
	176016	0.02	1	15
	176017	0.01	1	6
	176018	0.01	1	52
8W-21	176019	0.05	1	52
	176020	0.25	1	87
	176021	0.5	1	214
	176022	0.21	1	45
8W-22	176023	0.07	1	37
	176024	0.15	1	53
	176025	0.08	1	24
	176026	0.37	1	120
	176027	0.15	1	98
	176028	0.03	1	19
	176029	0.007	1	7

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8W-23	176031	0.07	1	100
	176032	0.34	1	70
	176033	0.27	1	69
	176034	0.06	1	34
8W-24	176035	0.06	1	19
	176037	0.21	1	56
	176038	0.38	2	116
	176039	0.55	3	434
	176040	0.08	1	32
8W-25	176041	0.45	3	86
	176042	0.36	3	120
	176043	0.1	1	253
	176044	0.54	2	185
8W-26	-1	-1	-1	-1
	176045	0.12	1	13
	176046	0.54	3	198
	176047	0.28	3	120
	176048	0.09	1	23
8W-27	176049	0.49	2	113
	176050	0.2	2	262
	176051	0.41	2	40
	176052	0.24	3	47
8W-28	176053	0.36	3	136
	176054	0.38	15	54
	176055	0.49	3	128
	176057	0.72	4	1023
8W-29	176058	0.22	1	77
	176059	0.42	1	61
	176060	0.29	1	31
	176061	0.5	3	85
8W-30	176062	0.04	1	197
	176063	0.5	3	308
	176064	0.77	4	648
	176065	0.47	3	453
8W-31	176067	0.52	3	185
	176068	0.44	3	106
	176069	0.81	4	97
	176070	0.29	1	116
	176071	0.59	3	224
	176072	0.74	4	700
	176073	0.35	2	58
	176074	0.75	4	451
	176075	1.09	7	546
	176076	0.08	1	15
	176077	0.03	1	9
	176078	0.04	1	85



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 8 - 630m Elevation - AREA 22

DATE: 2014/04/09

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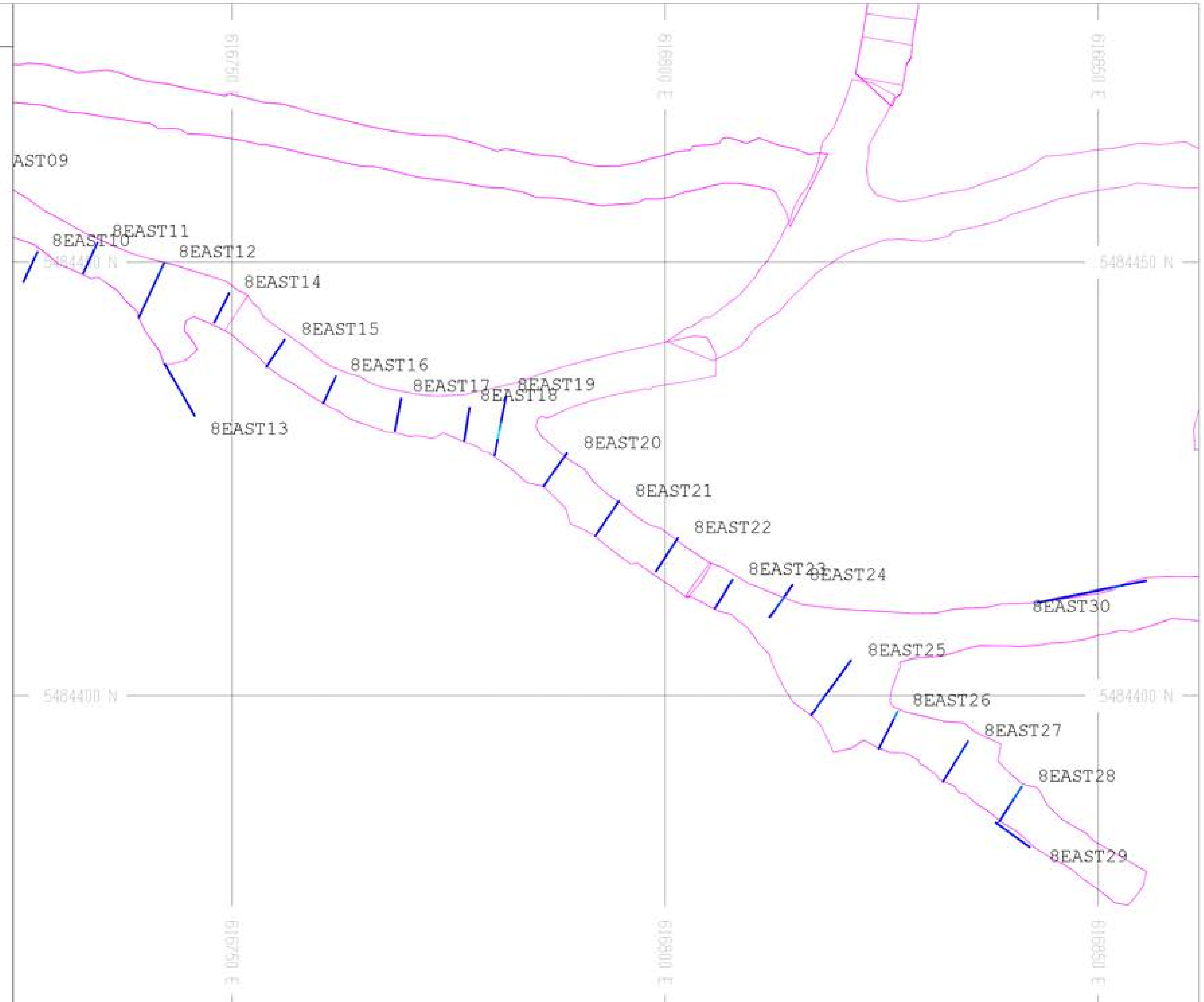
Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8EAST10	71556	0.27	1	100
	71557	0.09	1	19
	71558	0.38	1	91
	71559	1.12	6	238
8EAST11	71560	0.29	4	336
	71562	0.66	3	224
	71563	0.35	3	256
	71564	1.34	11	520
8EAST12	71566	0.35	3	526
	71568	0.03	1	107
	71569	0.07	1	224
	71570	0.51	3	97
	71571	0.67	4	453
	71572	1.51	11	313
	71573	1.2	8	684
8EAST13	71574	0.06	1	87
	71575	0.07	1	37
	71576	0.55	3	215
	71577	1.48	10	359
	71578	0.11	1	22
	71579	0.03	1	30
	71580	0.54	3	314
8EAST14	71581	0.9	7	267
	71582	0.56	3	204
	71583	0.97	6	308
	71584	0.32	1	97
8EAST15	71587	0.46	1	78
	71588	0.9	5	450
	71589	0.83	3	1242
	71590	0.52	11	327
8EAST16	71591	0.47	4	122
	71592	0.15	1	62
	71594	0.13	1	56
	71595	1.26	7	366
8EAST17	71596	0.01	1	8
	71597	0.06	1	12
	71598	0.06	1	19
	71599	0.62	4	81
8EAST18	71600	0.6	5	240
	71601	0.23	2	116
	71602	0.12	6	7443
	71603	0.69	6	1551
8EAST19	71604	0.33	2	99
	71605	0.52	4	162
	71606	5.35	36	660
	71607	3.17	22	312
	71608	0.46	4	87
	71609	0.27	2	73
	71611	0.29	2	118
8EAST20	71612	0.6	5	550
	71613	1.14	11	730
	71614	0.79	7	214
	71615	0.65	5	196
	71616	0.68	4	38
8EAST21	71617	0.41	3	85
	71618	0.59	4	174
	71619	0.77	5	246
	71620	1	7	329
	71621	0.75	5	133
8EAST22	71624	0.49	3	407
	71625	0.38	5	318
	71626	0.81	5	301
	71627	1.91	15	7770
	71628	0.52	5	510
8EAST23	71629	0.58	3	322
	71630	0.26	3	78
	71631	0.14	2	10000
	71632	1.16	5	2106
8EAST24	71648	0.6	3	213
	71649	1.69	9	194
	71650	2.12	13	433
	71651	0.45	2	231
	71652	0.04	1	43

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8EAST25	71653	0.22	1	134
	71654	1.01	4	223
	71655	1.16	5	338
	71656	0.93	4	180
	71658	0.002	1	1
	71659	0.37	1	84
	71660	0.79	5	131
	71661	1.8	12	375
8EAST26	71662	0.82	6	215
	71663	0.28	2	95
	71665	0.39	3	74
	71666	0.26	1	154
	71667	3.56	23	423
8EAST27	71668	0.38	3	96
	71669	0.13	1	21
	71670	0.58	4	63
	71671	1.51	8	215
	71672	1.57	9	283
	71673	1.35	8	182
8EAST28	71675	0.19	1	58
	71676	0.44	2	188
	71677	1.12	6	146
	71678	2.32	13	210
	71679	2.49	13	281
8EAST29	71680	0.06	1	19
	71682	1.59	9	416
	71683	0.43	3	129
	71684	0.27	2	2493
	71685	0.01	1	19



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

LEVEL 8 - 630m Elevation - AREA 23

DATE: 2014/04/09

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Moose Mountain Technical Services

CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8E-N-01	71687	0.89	6	118
	71688	0.3	1	73
	71689	2.83	19	168
	71690	5.59	40	1617
	71691	1.02	8	208
8E-N-02	-1	-1	-1	-1
	71692	0.2	4	40
	71694	1.51	12	104
	71695	2.33	19	737
	71696	1.25	11	1518
	71697	0.62	4	182
8E-N-03	71698	1.64	12	457
	71699	1.71	13	503
	71700	0.72	7	2501
	71701	0.73	5	986
8E-N-04	71702	0.3	1	76
	71703	0.62	5	470
	71705	3.46	23	731
	71706	1.24	9	318
8E-N-05	71707	0.49	4	191
	71708	1.44	10	841
	71709	0.49	3	95
	71710	0.86	6	181
8E-N-06	71733	0.05	1	56
	71734	0.1	1	415
	71735	0.06	1	16
	71736	0.57	4	80
	71738	0.98	8	1219
	71739	0.95	8	2221
	71740	0.46	3	157
	71741	0.16	1	29
	71742	0.42	2	66
8E-N-07	71712	0.1	1	29
	71713	0.1	3	14
	71714	0.1	1	37
	71715	0.21	1	40
	71717	0.12	1	6
	71718	0.16	1	7
	71719	0.13	1	15
	71720	0.11	1	6
	71721	0.16	1	17
	71722	0.17	1	87
	71723	0.17	1	16
	71724	0.09	1	25
	71725	0.23	1	50
	71726	0.08	1	253
	71727	0.11	1	68
	71728	0.07	1	18
8E-N-08	71743	0.23	1	54
	71744	0.33	3	164
	71745	0.88	5	652
	71746	0.25	3	160
	71747	0.38	2	61
8E-N-09	71749	1.01	7	1824
	71750	0.4	3	414
	71751	0.17	1	81
	71752	0.33	2	103
	71753	1.33	8	173
8E-N-10	71754	0.84	6	740
	71755	1.13	8	154
	71756	3.98	24	1714
	71758	3.57	21	530
8E-N-11	71759	0.12	1	79
	71760	0.63	5	142
	71761	0.44	4	537
	71762	0.39	3	25
8E-N-12	71763	0.42	3	79
	71764	3.01	19	1425
	71765	2.03	14	806
	71766	0.3	3	73
	71767	0.39	3	39

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8E-N-13	71768	2.92	19	888
	71769	1.15	10	1784
	71771	0.41	3	107
	71772	0.48	2	118
	71773	1.02	7	118
8E-N-14	71775	0.74	5	119
	71776	1.43	11	163
	71777	1.67	11	231
	71778	0.79	6	2582
	71779	0.29	1	117
	71780	0.32	1	135
	71781	1.63	10	1847
8E-N-15	71782	1.09	8	55
	71783	1.15	8	175
	71784	0.31	2	75
	71785	0.64	4	110
	71786	1.87	13	2677
	71788	0.31	1	344
	71789	0.38	2	128
	71790	0.77	4	324
	71791	0.49	2	226
	71792	0.27	1	72
8E-N-16	71793	0.17	1	35
	71794	2.15	19	813
	71795	2.44	20	311
	71797	1.89	15	748
	71798	1	6	75
8E-N-17	71800	0.11	1	24
	71801	5.88	44	5020
	71802	1.2	9	238
	71803	0.29	1	59
8E-N-18	71804	0.78	5	115
	71805	1.45	8	519
	71806	1.83	12	263
	71807	0.92	6	69
8E-N-19	71808	0.46	3	306
	71809	0.44	3	44
	71811	0.6	3	80
	71812	1.72	13	253

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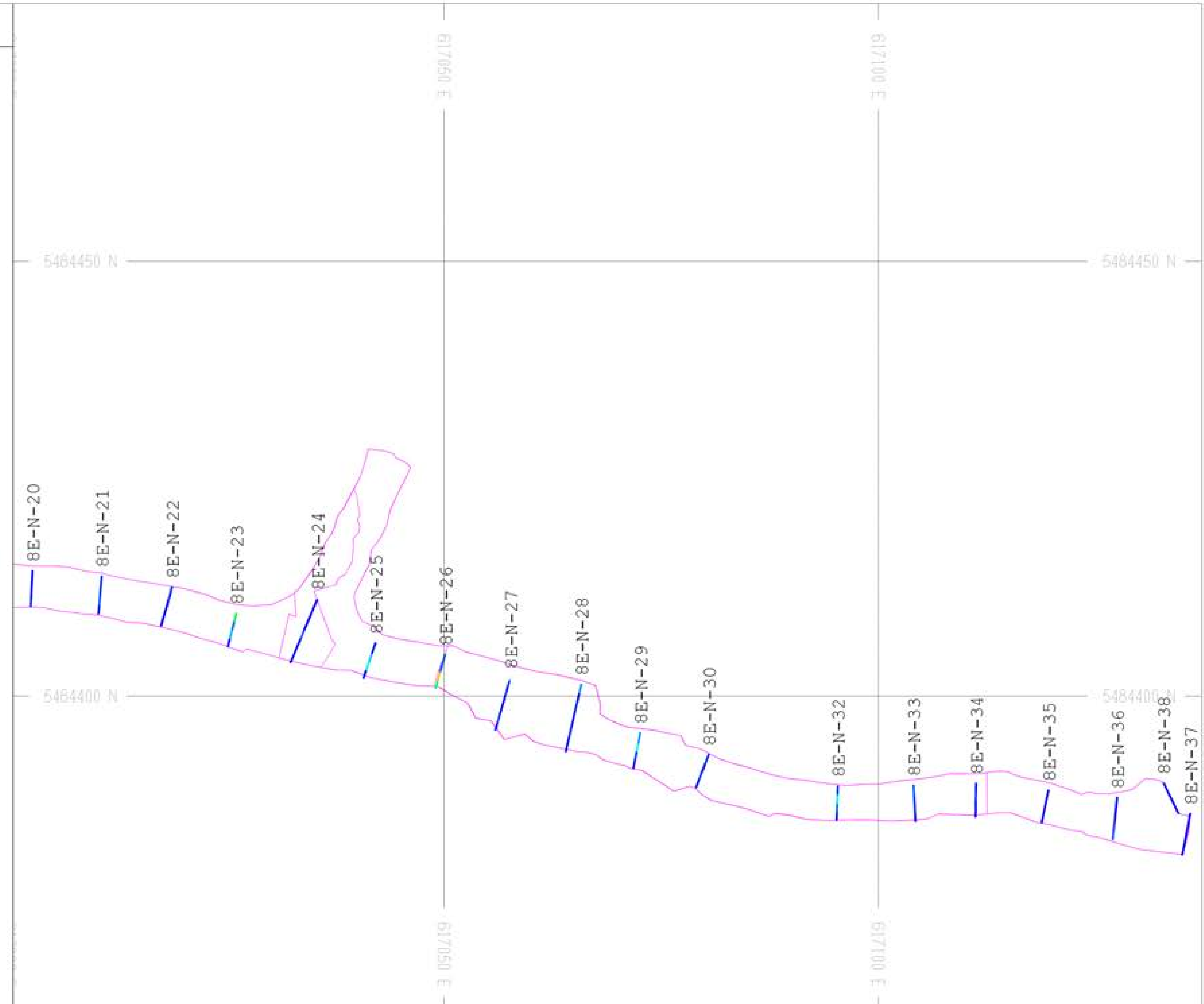
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8E-N-20	71813	1.29	10	630
	71814	0.89	7	291
	71815	0.82	8	88
	71816	0.65	7	234
8E-N-21	71817	0.94	9	138
	71818	2.31	20	873
	71820	1.9	17	205
	71821	1.69	15	312
8E-N-22	71823	0.87	8	152
	71824	0.52	4	182
	71825	0.32	4	169
	71827	0.48	4	220
	71828	1.03	9	128
8E-N-23	71829	0.22	2	18
	71830	4.04	32	755
	71831	2.15	21	922
	71832	9.01	73	785
8E-N-24	71833	0.52	5	120
	71834	0.55	5	116
	71835	0.75	7	133
	71836	2.13	19	187
	71837	0.22	1	27
	71838	0.45	4	75
	71840	0.14	1	37
	71841	0.97	7	170
8E-N-25	71842	0.38	4	99
	71843	6.19	53	763
	71844	4.47	38	607
	71845	0.67	7	59
8E-N-26	71846	9.17	82	873
	71847	17.21	156	515
	71848	2.06	20	65
	71850	2.34	21	685
8E-N-27	-1	-1	-1	-1
	71851	0.62	5	112
	71852	1.8	16	464
	71853	0.73	6	94
	71854	0.24	1	38
	71855	0.63	7	483
	71856	1.31	11	324
8E-N-28	71858	0.17	1	27
	71859	0.09	1	11
	71860	1.57	13	229
	71861	0.76	7	58
	71863	0.57	5	46
	71864	1.06	10	131
	71865	0.46	5	55
	71866	3.35	30	339
8E-N-29	71867	0.25	2	13
	71868	1.58	12	445
	71869	6	48	353
	71870	3.05	25	219
8E-N-30	71871	0.85	7	417
	71872	1.62	24	152
	71873	0.82	7	97
	71874	1.04	10	68
8E-N-32	71880	0.31	3	53
	71881	2.54	22	383
	71882	6.27	61	875
	71883	1.2	12	142
8E-N-33	71884	0.7	8	116
	71885	1.03	10	111
	71886	1.09	10	126
	71887	2.17	22	315
8E-N-34	71890	0.3	3	33
	71891	0.53	4	96
	71892	1.2	11	124
	71893	0.35	3	46
8E-N-35	71894	0.27	1	59
	71896	0.18	1	64
	71897	0.04	1	14
	71898	0.39	3	38

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
8E-N-36	71899	2.4	19	227
	71900	0.23	2	48
	71901	0.04	1	24
	71902	0.12	1	36
	71903	0.22	1	7
8E-N-37	71904	0.11	1	74
	71905	0.05	1	39
	71906	0.02	1	1
	71908	0.03	1	3
	71909	0.08	1	7
8E-N-38	71910	0.06	1	15
	71911	0.04	1	8
	71912	0.09	1	72
	71913	0.16	3	15



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

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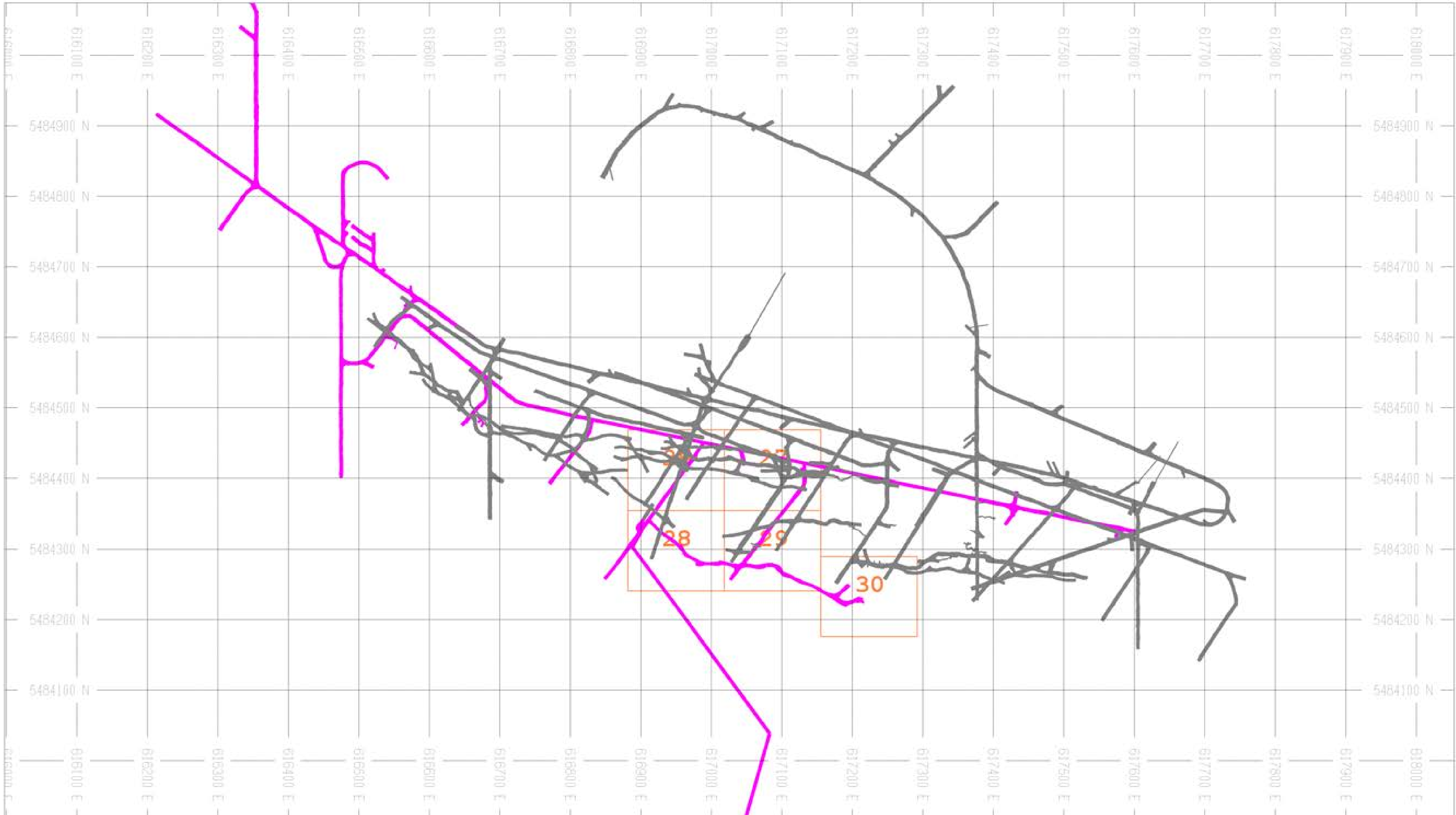

BUL RIVER DEVELOPMENT - 2014	
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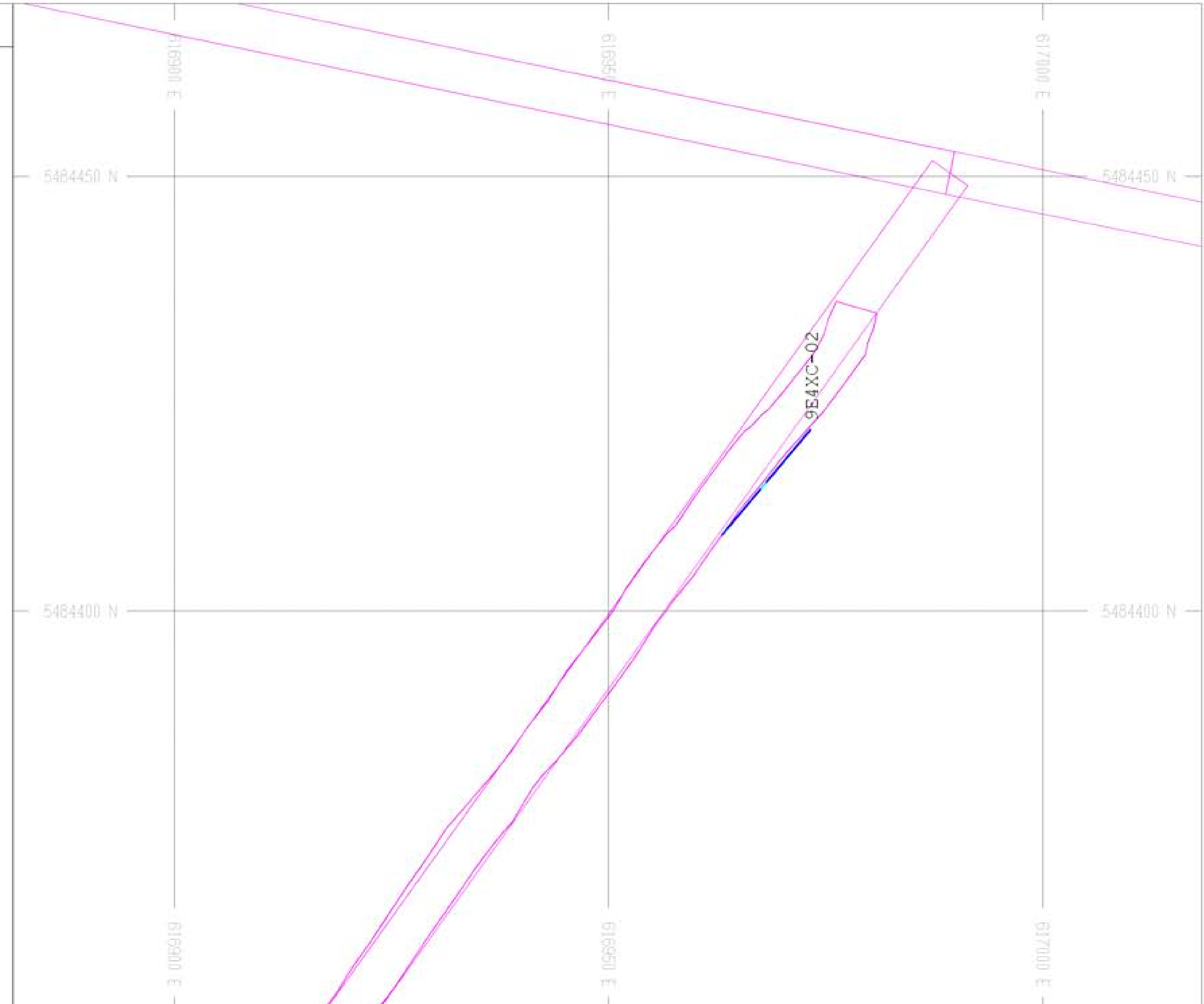
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E4XC-02	177824	1.81	13	170
	177825	0.54	6	198
	177826	0.1	3	129
	177827	0.4	3	36
	177828	0.42	3	101
	177829	0.22	2	37
	177831	0.35	3	62
	177832	6.21	44	181
	177833	0.69	5	123
	177834	0.82	7	288
	177835	0.16	1	107
	177836	0.65	6	2668
	177837	0.13	1	192
	177838	0.09	1	238
	177839	0.68	6	769
	177840	0.29	3	98



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

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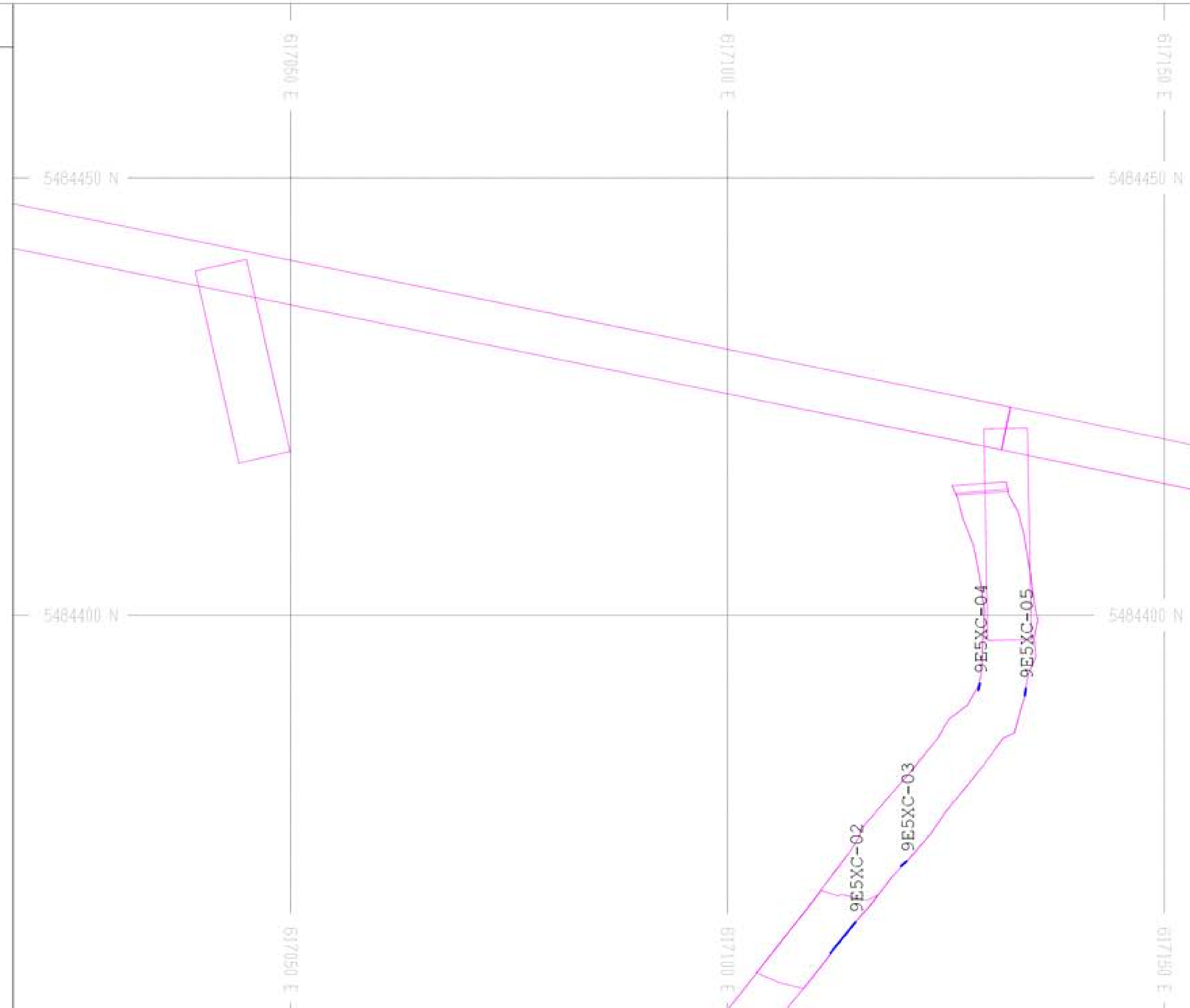
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E5XC-02	176215	1.32	9	920
	176217	0.03	1	8
	176218	0.08	1	9
	176219	0.03	1	13
	176220	0.02	1	9
9E5XC-03	176259	0.05	1	14
9E5XC-04	176222	0.86	6	49
9E5XC-05	176221	0.22	2	24



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

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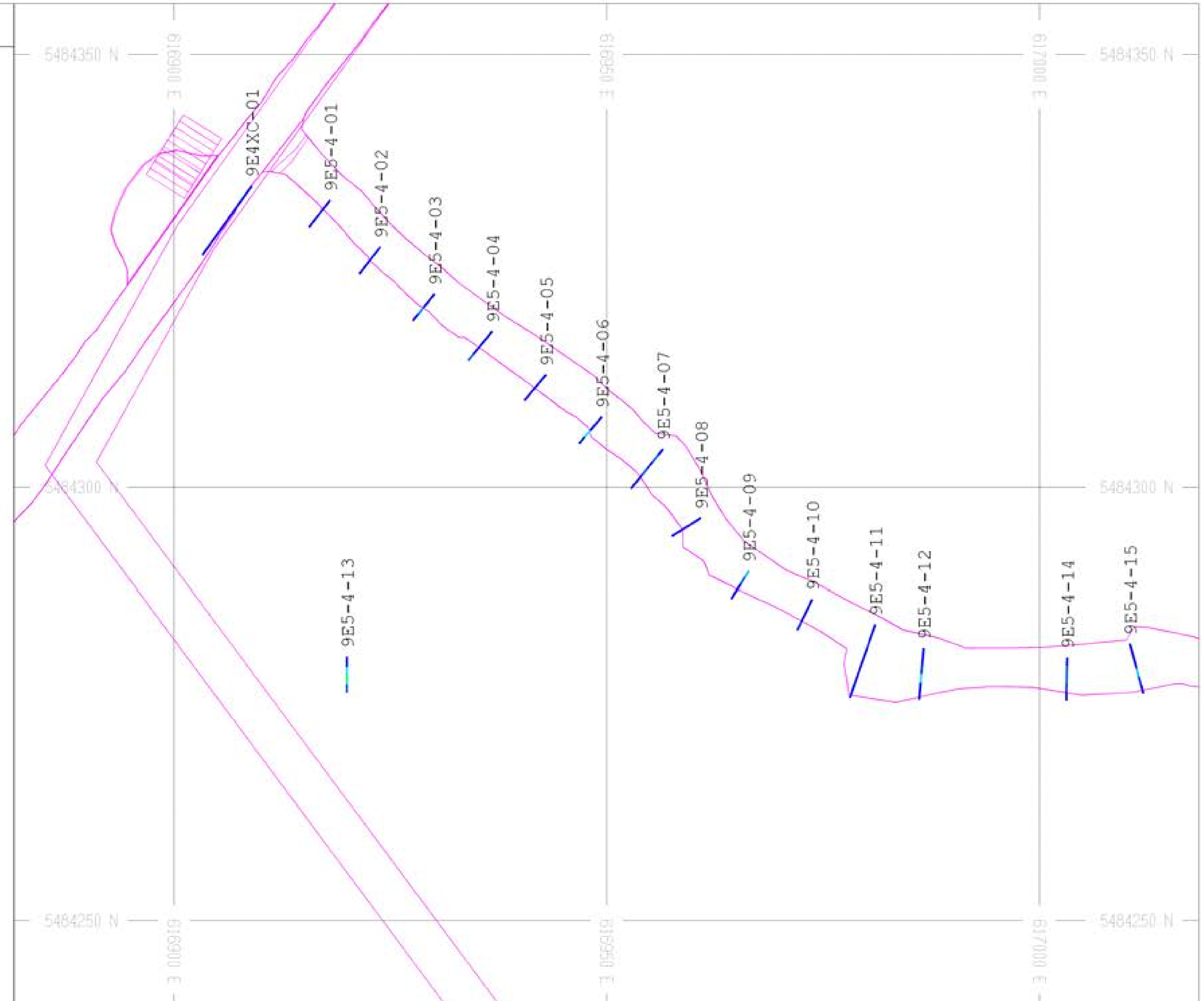
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E4XC-01	176083	0.41	2	586
	176084	0.01	1	106
	176085	0.03	1	28
	176086	0.56	3	51
	176088	0.84	4	461
	176089	0.03	1	27
	176090	0.09	1	31
	176091	0.07	1	10
	176092	0.03	1	5
	176093	0.01	1	7
9E5-4-01	176098	0.09	1	20
	176099	0.11	1	19
	176100	0.09	1	10
	176101	0.13	1	19
9E5-4-02	176102	0.02	1	15
	176103	0.04	1	156
	176104	0.06	1	14
	176105	0.02	1	11
9E5-4-03	176106	0.06	1	3
	176107	3.61	18	1302
	176108	0.31	1	96
	176109	0.05	1	6
9E5-4-04	176111	2.93	15	935
	176112	0.04	1	482
	176113	0.03	1	240
	176114	0.03	1	88
9E5-4-05	176115	0.6	3	158
	176116	0.44	2	13
	176117	0.02	1	353
	176118	0.02	1	22
9E5-4-06	176119	0.03	1	10
	176120	5.57	30	621
	176121	0.18	1	23
	176122	0.07	1	17
9E5-4-07	176123	0.02	1	145
	176125	0.43	2	129
	176126	2.27	11	279
	176127	0.77	4	168
	176128	2.03	10	301
	176129	0.17	1	14
9E5-4-08	176130	0.03	1	9
	176131	0.02	1	22
	176132	0.04	1	35
	176133	0.09	1	351
9E5-4-09	176134	0.29	1	32
	176136	0.55	2	75
	176137	2.01	11	245
	176138	4.67	24	263
9E5-4-10	176140	1.89	10	349
	176141	0.35	2	282
	176142	0.72	4	270
	176143	0.05	1	51
9E5-4-11	176144	0.12	1	466
	176145	0.08	1	34
	176146	0.06	1	16
	176147	0.05	1	129
	176148	0.03	1	308
	176151	0.11	1	116
	176152	1.37	8	1691
	176153	0.79	5	1694
	176154	0.67	4	2898
9E5-4-12	176155	0.39	2	99
	176156	0.54	3	67
	176157	5.16	26	2072
	176158	1.84	11	1158
	176159	0.73	3	515
	176161	0.12	1	79
9E5-4-13	176162	2.37	12	512
	176163	8.67	47	827
	176164	5.9	32	784
	176165	0.26	1	548
9E5-4-14	176166	0.09	1	45
	176167	1.75	9	938
	176169	2.6	14	329
	176170	2.82	15	1178
	176171	0.34	1	798
9E5-4-15	176172	0.16	1	195
	176173	1.99	9	647
	176174	4.96	23	1646
	176175	0.56	3	323
	176176	0.07	1	98
	176177	0.1	1	26



BUL RIVER - UNDERGROUND SAMPLE LOCATIONS - 2012

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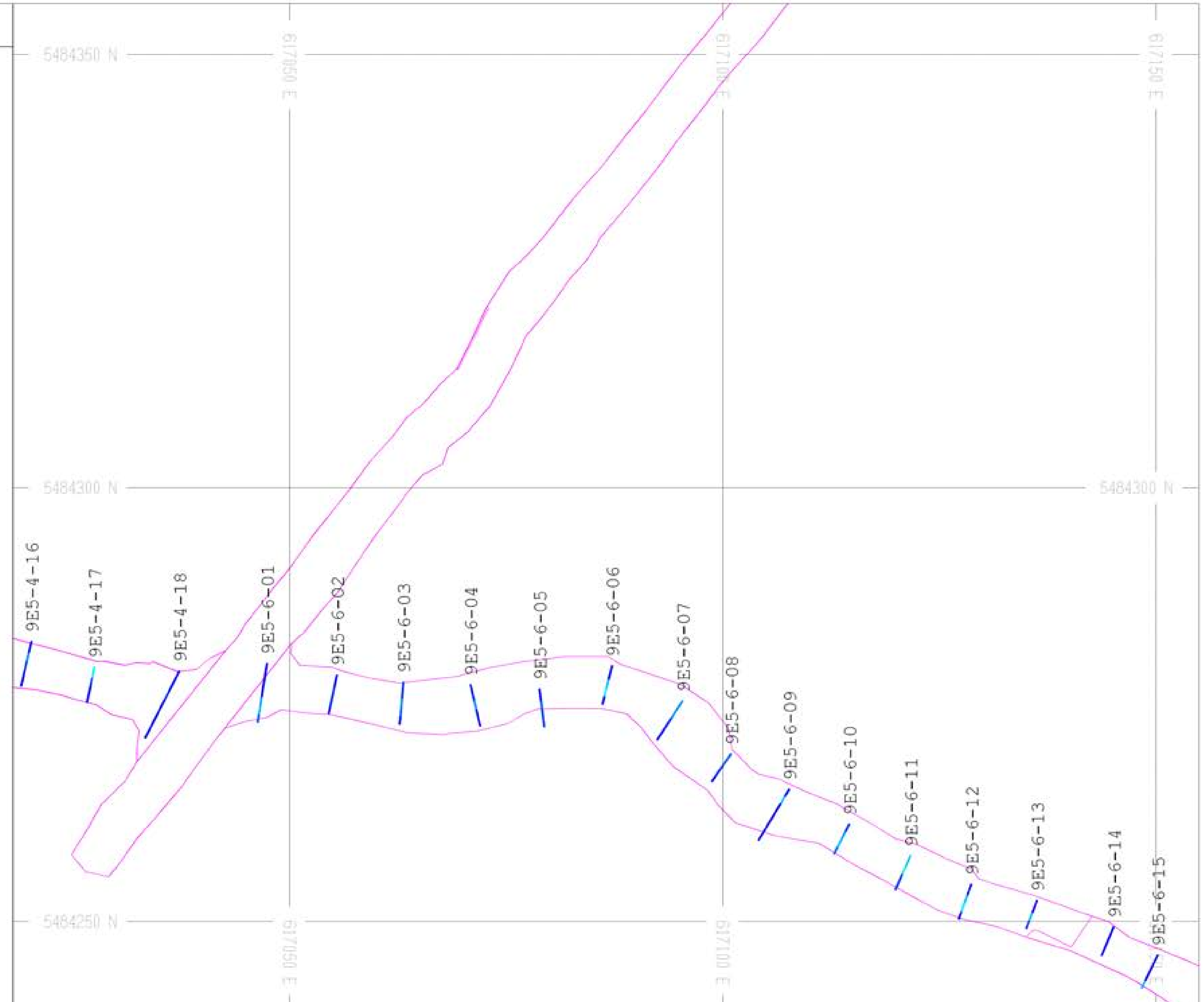
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E5-4-16	176178	0.12	1	25
	176179	0.34	2	81
	176181	1.48	8	507
	176182	0.28	1	148
9E5-4-17	176185	0.12	1	30
	176186	0.34	1	735
	176187	1.2	6	227
9E5-4-18	176205	0.14	3	38
	176207	0.28	1	89
	176208	0.49	3	74
	176209	0.37	1	41
	176210	0.06	1	42
	176211	1.26	7	771
	176212	0.5	3	507
	176213	0.51	3	163
	176214	0.26	1	33
9E5-6-01	177850	2.5	21	2427
	177851	4.48	24	634
	177852	3.82	20	446
	177853	0.82	5	317
	177854	0.28	1	230
	177855	0.42	1	169
	177856	0.09	1	20
9E5-6-02	176350	0.74	4	196
	177846	1.78	20	9079
	177847	1.5	8	463
	177848	0.52	6	2506
	177849	0.79	4	534
9E5-6-03	176345	0.43	1	89
	176346	2.03	10	982
	176347	3.06	17	677
	176348	1.68	21	226
	176349	1.36	7	356
9E5-6-04	176338	0.14	1	23
	176339	0.58	3	66
	176340	3.47	18	833
	176342	1.27	7	203
	176343	0.42	3	49
9E5-6-05	176333	1.29	6	536
	176334	1.11	7	568
	176336	2.82	14	869
	176337	0.52	3	99
9E5-6-06	176328	0.89	5	826
	176329	5.99	31	1369
	176330	4.19	25	6170
	176331	0.55	4	177
	176332	0.24	1	66
9E5-6-07	176322	0.64	9	510
	176323	0.53	3	4703
	176324	1.75	9	519
	176325	3.84	22	1180
	176326	3.26	17	829
9E5-6-08	176318	0.04	1	14
	176319	1.73	8	251
	176320	2.5	13	766
	176321	2.22	12	1087
9E5-6-09	176310	0.24	1	61
	176311	0.22	1	73
	176312	0.58	3	419
	176313	0.47	3	168
	176315	0.66	4	799
	176316	4.24	22	909
	176317	0.05	1	25
9E5-6-10	176306	2.96	15	508
	176307	4.72	24	851
	176308	3.57	21	913
	176309	1.36	8	275
9E5-6-11	176301	1.37	8	251
	176302	1.41	14	184
	176303	6.33	32	1783
	176304	4.42	22	1280

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E5-6-12	176295	0.85	4	93
	176296	5.45	28	972
	176297	4.9	25	1705
	176298	0.82	5	204
9E5-6-13	176291	1.9	9	145
	176292	4.94	28	1007
	176293	0.44	2	76
	176294	0.08	1	14
9E5-6-14	176287	0.59	3	119
	176288	0.17	1	28
	176289	0.02	1	4
	176290	0.15	1	34
9E5-6-15	176282	4.53	35	1303
	176283	0.92	6	906
	176284	0.6	4	451
	176285	0.12	1	22



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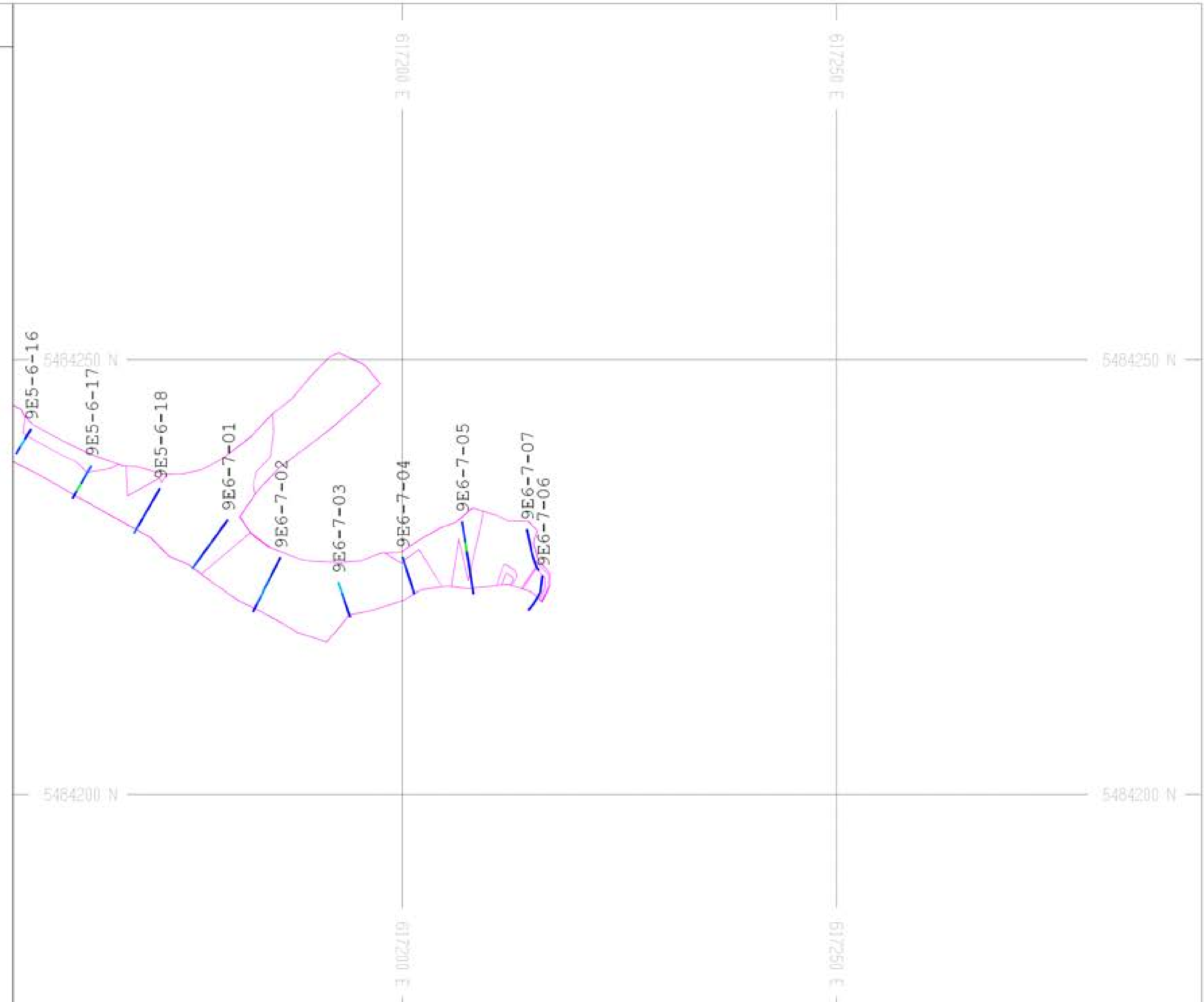
CHANNEL SAMPLE ASSAY TABLES:

	SMPL. ID	CU (wt.%)	AG (ppm)	AU (ppb)
9E5-6-16	176279	1.52	8	385
	176280	4.46	22	2724
	176281	0.47	4	150
9E5-6-17	176275	0.78	4	389
	176276	9.4	52	4806
	176277	1.98	11	479
	176278	2.64	15	659
9E5-6-18	176269	2.69	14	520
	176270	0.9	5	160
	176271	1.18	7	424
	176272	0.53	3	97
	176273	0.07	1	12
	176274	0.07	1	39
9E6-7-01	176260	2.24	11	754
	176261	1.37	7	355
	176262	0.9	4	71
	176263	1.5	6	226
	176264	0.72	4	97
	176265	0.25	1	51
	176267	0.02	1	6
9E6-7-02	176252	0.28	1	34
	176253	2.38	12	350
	176254	3.08	14	3228
	176255	2.61	13	583
	176256	1.54	9	553
	176257	0.64	4	278
	176258	0.57	3	206
9E6-7-03	176247	0.31	1	78
	176248	0.69	4	184
	176249	2.55	12	770
	176250	4.46	24	1230
9E6-7-04	176243	0.04	1	15
	176244	0.13	1	113
	176245	0.21	1	82
	176246	1.27	8	309
9E6-7-05	176233	0.04	1	15
	176235	0.12	1	1575
	176236	0.5	2	338
	176237	0.36	3	50
	176238	0.16	1	29
	176239	11.22	49	3004
	176240	1.04	5	174
	176242	1.34	6	574
9E6-7-06	176223	0.01	1	9
	176224	0.01	1	17
	176225	0.008	2	10
	176226	0.005	1	5
9E6-7-07	176227	0.02	2	14
	176228	0.01	1	6
	176229	0.01	1	8
	176230	0.006	1	12
	176231	0.68	2	99



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