

NEWS RELEASE

HECLA REPORTS SECOND QUARTER 2022 RESULTS

9th consecutive quarter of free cash flow generation, consolidated silver guidance affirmed

For Release: August 4, 2022

COEUR D'ALENE, IDAHO -- Hecla Mining Company (<u>NYSE:HL</u>) today announced second quarter 2022 financial and operating results.

SECOND QUARTER HIGHLIGHTS

- Silver and gold production of 3.6 million and 45,719 ounces respectively, a 10% increase over the first quarter 2022 ("the prior quarter")
- Sales of \$191.2 million, a 3% increase over the prior guarter despite lower gold and silver prices
- Cash provided by operating activities of \$40.2 million and \$5.9 million in free cash flow with continued positive free cash flow generation from all three operations³
- Total cost of sales for silver of \$90.9 million and cash cost and all-in sustaining cash cost (AISC) per ounce (each after by-product credits) of (\$1.14) and \$8.55 respectively^{1,2}
- Net loss applicable to common shareholders of \$13.7 million or \$0.03 per share (basic), and adjusted net income of \$20.1 million or \$0.04 per share⁵
- Adjusted EBITDA of \$70.5 million, net debt/adjusted EBITDA (last 12 months) of 1.4x⁴
- \$198.2 million in cash and cash equivalents with approximately \$335 million in available liquidity
- Pending acquisition of Alexco Resource Corp ("Alexco") and its high-grade silver property in Yukon; transaction expected to close in early September
- Published 2021 Sustainability report 'Building Strong Communities Through Responsible Mining'

"All three of our mines continue to deliver strong operational and financial results with each generating positive free cash flow," said Phillips S. Baker Jr., President & CEO. "Lucky Friday achieved record quarterly tons milled reflecting the significant strides we have made in managing seismicity and improving productivity with the Underhand Closed Bench (UCB) mining method. I strongly believe as we optimize this mining method, the Lucky Friday along with Greens Creek will further increase our position as the dominant U.S. silver producer."

Baker continued, "While we are exposed to inflationary pressures like the rest of the industry, our silver mines have largely been able to offset inflation with by-product credits. For the second half of the year with our strong balance sheet, we plan to increase our investment in operations with the goal of further accelerating production, earnings and cash flow growth. We are looking forward to closing the Alexco acquisition, which adds a high-grade silver property in the Yukon to our best in class portfolio. This acquisition could make Hecla the largest silver producer in Canada, as well as the United States, an important and a unique characteristic of Hecla among all silver producers for decades to come."

FINANCIAL OVERVIEW

"Total cost of sales" as used in this release is comprised of cost of sales and other direct production costs and depreciation, depletion and amortization.

In Thousands unless stated otherwise	-	22-2022	Q1-2022 (Q4-2021 Q3-2021			Q2-2021			YTD-2022	YTD-2021		
FINANCIAL AND OPERATIONAL HIGH	LIG	HTS							-			·			
Sales	\$	191,242	\$	186,499	\$	185,078	\$	193,560	\$	217,983	\$	377,741	\$	428,835	
Total cost of sales	\$	153,979		141,070		·		158,332		· ·		·	•	299,503	
Gross profit	\$	37,263		45,429		•	\$	35,228		•	\$	82,692	\$	129,332	
(Loss) income applicable to common shareholders	\$	(13,661)	\$	4,015	\$	11,737	\$	(1,117)	\$	2,610	\$	(9,646)	\$	23,923	
Basic (loss) income per common share (in dollars)	\$	(0.03)	\$	0.01	\$	0.02	\$	_	\$	0.01	\$	(0.02)	\$	0.04	
Adjusted EBITDA ⁴	\$	70,474	\$	58,202	\$	58,249	\$	49,414	\$	84,507	\$	128,676	\$	170,312	
Net Debt to Adjusted EBITDA ^{4,*}		1.4												1.1	
Cash provided by operating activities	\$	40,183	\$	37,909	\$	53,355	\$	42,742	\$	86,304	\$	78,092	\$	124,240	
Capital Expenditures	\$	(34,329)	\$	(21,478)	\$	(28,838)	\$	(26,899)	\$	(31,898)	\$	(55,807)	\$	(53,311)	
Free Cash Flow ²	\$	5,854	\$	16,431	\$	24,517	\$	15,843	\$	54,406	\$	22,285	\$	70,929	
Production Highlights															
Silver ounces produced	3	3,645,454		3,324,708		3,226,927		2,676,084		3,524,783		6,970,162		6,984,229	
Silver payable ounces sold	3	3,387,909		2,687,261		2,606,622		2,581,690		3,415,464		6,075,170		6,445,490	
Gold ounces produced		45,719		41,642		47,977		42,207		59,139		87,361		111,143	
Gold payable ounces sold		44,225		41,053		44,156		53,000		47,168		85,278		104,454	
Cash Costs and AISC, each after by-p	rodı	uct credits	;												
Silver cash costs per ounce	\$	(1.14)	\$	1.09	\$	1.69	\$	2.49	\$	0.18	\$	(0.07)	\$	0.79	
Silver AISC per ounce	\$	8.55	\$	7.64	\$	10.08	\$	12.82	\$	7.54	\$	8.12	\$	7.38	
Gold cash costs per ounce	\$	1,371	\$	1,516	\$	1,143	\$	1,163	\$	1,254	\$	1,440	\$	1,161	
Gold AISC per ounce	\$	1,641	\$	1,810	\$	1,494	\$	1,450	\$	1,419	\$	1,721	\$	1,357	

^{*}Reflects trailing twelve months ending June 30,2022. Reconciliations are available at the end of the release.

Loss applicable to common shareholders for the second quarter was \$13.7 million, or \$(0.03) per share, compared to income of \$4.0 million, or \$0.01 per share, in the first quarter of 2022, and was impacted by the following factors:

- Gross profit decreased by \$8.2 million primarily due to lower realized prices for all metals and higher mining costs at Greens Creek caused by increased use of contractors
- A negative fair value adjustment, net of \$16.4 million, versus a gain of \$6.0 million in the prior quarter, primarily due to unrealized losses on the Company's investment portfolio of \$15.7 million during the second quarter

These decreases were partially offset by:

- Higher sales volume at Greens Creek and Lucky Friday
- Lower income and mining tax provision of \$0.3 million compared to \$5.6 million in the prior quarter reflecting lower income from operations
- A net foreign exchange gain of \$4.5 million versus a loss of \$2.0 million in the prior quarter reflecting the appreciation of the U.S. dollar ("USD") against the Canadian dollar ("CAD") during the current quarter
- Lower exploration and pre-development expense of \$1.6 million versus the prior quarter reflecting timing
 of expenditures across the Company's exploration portfolio

Cash provided by operating activities of \$40.2 million increased \$2.3 million compared to the prior quarter, primarily due to positive working capital changes of \$32.6 million reflecting the semi-annual interest payment on the outstanding long-term debt in the prior quarter.

Capital expenditures totaled \$34.3 million, an increase of \$12.9 million over the prior quarter with increased planned expenditures at Greens Creek of \$14.7 million, Lucky Friday of \$11.5 million, and Casa Berardi of \$8.1 million. Free cash flow for the quarter was \$5.9 million, a decrease of \$10.6 million over the prior quarter primarily due to higher capital expenditures.

Cash costs and AISC (each after by-product credits) for silver were \$(1.14) and \$8.55 per ounce respectively. Cash costs declined by \$2.23 per ounce over the prior quarter due to higher by-product credits at Greens Creek and higher silver production at the Lucky Friday as well as Greens Creek. AISC increased by \$0.91 over the prior quarter, as a result of increased sustaining capital spend at both Greens Creek and Lucky Friday, partially offset by increased production at the Lucky Friday.

Gold cash cost per ounce and AISC declined by \$145 and \$169, respectively, attributable to higher gold production during the second quarter.

The Company is seeing the impact of inflationary pressures and labor constraints at all its operations. By-product credits continue to help offset the inflationary pressures for the silver segment due to strong by-product production and prices. At the Casa Berardi mine, while AISC per gold ounce after by-product credits declined over the prior quarter, the mine continues to see 15-20% overall increases in costs, notably impacting fuel, steel, reagents, and other consumables that have a greater impact on this mine because it handles the largest volume of ore and waste among the three operations. While Casa Berardi is focused on increasing underground ore feed to the mill, the mill is kept full with ore sourced from the surface, which exposes the mine to further inflationary pressures due to relatively higher volume of material moved.

Inflation is also impacting capital projects, particularly at the Lucky Friday where multiple projects are underway to support the production growth.

At the time of guidance issuance earlier this year, inflation expectations were 5%, which have been surpassed in the first half of the year. The Company expects these inflationary pressures to continue in the second half of the year at similar levels seen in the first half of the year and has revised gold cost guidance for Casa Berardi. The Company has also revised the consolidated capital expenditure guidance to reflect sustained inflationary pressures and to account for supply chain uncertainties that might delay equipment delivery schedules to 2023.

Forward Sales Contracts for Base Metals and Foreign Currency

The Company uses financially settled forward sales contracts to manage exposures to changes in prices of zinc and lead. At June 30, 2022, the Company had contracts covering approximately 65% of the forecasted payable zinc production (through 2025) at an average price of \$1.32 per pound, and 49% of the forecasted payable lead production (through 2024) at an average price of \$0.99 per pound.

The Company manages CAD exposure through forward contracts. At June 30, 2022, the Company had hedged approximately 43% of forecasted CAD direct production costs through 2025 at an average CAD/USD rate of 1.30. The Company has also hedged approximately 32% of capital costs for 2022 at 1.29.

OPERATIONS OVERVIEW

Greens Creek Mine - Alaska

Dollars are in thousands except cost per ton	Q2-2022	Q1-2022		Q4-2021		Q3-2021		Q2-2021		YTD-2022		YTD-2021	
GREENS CREEK													
Tons of ore processed	209,558		211,687		221,814		211,142		214,931		421,245		409,011
Total production cost per ton	\$ 197.84	\$	192.16	\$	174.55	\$	181.60	\$	171.13	\$	194.98	\$	176.58
Ore grade milled - Silver (oz./ton)	14.0		13.8		12.6		11.1		14.5		13.9		15.2
Ore grade milled - Gold (oz./ton)	0.08		0.07		0.07		0.07		0.08		0.08		0.09
Ore grade milled - Lead (%)	3.0		2.8		2.6		2.7		3.1		2.9		3.1
Ore grade milled - Zinc (%)	7.2		6.6		6.3		7.1		7.6		6.9		7.6
Silver produced (oz.)	2,410,598		2,429,782		2,262,635		1,837,270		2,558,447		4,840,380		5,143,317
Gold produced (oz.)	12,413		11,402		10,229		9,734		12,859		23,815		26,125
Lead produced (tons)	5,184		4,883		4,731		4,591		5,627		10,067		10,551
Zinc produced (tons)	13,396		12,494		12,457		13,227		14,610		25,890		27,964
Sales	\$ 92,723	\$	86,090	\$	87,865	\$	84,806	\$	113,763	\$	178,813	\$	212,172
Total cost of sales	\$ (60,506)	\$	(49,637)	\$	(49,251)	\$	(55,193)	\$	(55,488)	\$	(110,143)	\$	(108,668)
Gross profit	\$ 32,217	\$	36,453	\$	38,614	\$	29,613	\$	58,275	\$	68,670	\$	103,504
Cash flow from operations	\$ 41,808	\$	56,295	\$	50,632	\$	40,626	\$	68,521	\$	98,103	\$	112,866
Exploration	\$ 929	\$	165	\$	696	\$	2,472	\$	1,300	\$	1,094	\$	1,423
Capital additions	\$ (14,668)	\$	(3,092)	\$	(9,544)	\$	(6,228)	\$	(6,339)	\$	(17,760)	\$	(8,111)
Free cash flow ²	\$ 28,069	\$	53,368	\$	41,784	\$	36,870	\$	63,482	\$	81,437	\$	106,178
Cash cost per ounce, after by- product credits	\$ (3.29)	\$	(0.90)	\$	0.50	\$	0.74	\$	(2.64)	\$	(2.09)	\$	(1.65)
AISC per ounce, after by-product credits	\$ 3.48	\$	1.90	\$	5.66	\$	5.94	\$	0.68	\$	2.69	\$	1.14

Total cost of sales for the second quarter 2022 was \$60.5 million compared to \$49.6 million in the prior quarter. Cash cost and AISC per silver ounce (each after by-product credits) were \$(3.29) and \$3.48, respectively. Cash cost per silver ounce decreased by \$2.39 over the prior quarter due to higher by-product credits and additional silver production which was due to increasing mined grades which more than offset higher costs primarily driven by the use of contractors. AISC per silver ounce increased by \$1.58 compared to the prior quarter due to planned increased capital spending for the capital projects and additional definition and development drilling.^{1,2} The decline in cash flow from operations is primarily due to lower metals prices and increased costs due to inflation

Lucky Friday Mine - Idaho

Dollars are in thousands except cost per ton	Q2-2022		Q1-2022		Q4-2021		Q3-2021		Q2-2021		YTD-2022	١	TD-2021
LUCKY FRIDAY													
Tons of ore processed	97,497	,	77,725		80,097		78,227		82,442		175,222		163,513
Total production cost per ton	\$ 211.45	\$	247.17	\$	198.83	\$	190.66	\$	199.48	\$	227.30	\$	188.30
Ore grade milled - Silver (oz./ton)	13.2	<u>)</u>	12.0		12.5		11.2		11.6		12.7		11.4
Ore grade milled - Lead (%)	8.8	}	8.2		8.1		7.2		7.6		8.5		7.5
Ore grade milled - Zinc (%)	3.9)	3.6		3.3		3.3		3.4		3.8		3.6
Silver produced (oz.)	1,226,477	7	887,858		955,401		831,532		913,294		2,114,335		1,777,195
Lead produced (tons)	8,147	,	5,980		6,131		5,313		5,913		14,127		11,693
Zinc produced (tons)	3,370)	2,452		2,296		2,319		2,601		5,822		5,354
Sales	\$ 35,880) \$	38,040	\$	32,938	\$	29,783	\$	39,645	\$	73,920		68,767
Total cost of sales	\$ (30,348	3) \$	(29,265)		(23,252)	\$	(23,591)	\$	(27,901)	\$	(59,613)	\$	(50,696)
Gross profit	\$ 5,532	2 \$	8,776	\$	9,686	\$	6,192	\$	11,744	\$	14,307		18,071
Cash flow from operations	\$ 21,861	\$	11,765	\$	16,953	\$	15,017	\$	19,681	\$	33,626	\$	30,624
Capital additions	\$ (11,501	l) \$	(9,652)	\$	(9,109)	\$	(9,133)	\$	(5,731)	\$	(21,153)		(11,643)
Free cash flow ²	\$ 10,360) \$	2,113	\$	7,844	\$	5,884	\$	13,950	\$	12,473	\$	18,981
Cash cost per silver ounce, after by-product credits	\$ 3.07	\$	6.57	\$	4.50	\$	6.35	\$	8.07	\$	4.54	\$	7.85
AISC per silver ounce, after by- product credits	\$ 9.91	 \$	13.15	\$	12.54	\$	16.79	\$	14.10	\$	11.27	\$	14.17

Lucky Friday produced 1.2 million ounces of silver during the second quarter, a 38% increase over the prior quarter due to higher production resulting from higher throughput due to the UCB mining method and a 9% increase in grade. The throughput rate and the mined tons in the quarter are the highest in the mine's 80-year history. The UCB method mined 91% of tons in the second quarter compared to 82% of tons in the second quarter of 2021.

Total cost of sales for the second quarter 2022 was \$30.3 million, an increase of \$1.1 million over the prior quarter due to increased use of consumables to support higher mining volumes and higher contractor costs resulting from manpower shortages. Cash cost and AISC per silver ounce (each after by-product credits) were \$3.07 and \$9.91, respectively, and decreased over the prior quarter due to higher production, the reasons outlined above, and higher by-product credits^{1,2}

Casa Berardi Mine - Quebec

Dollars are in thousands except cost per ton	Q2-2022		Q1-2022	(Q4-2021	Q3-2021	(22-2021	YTD-2022	YTD-2021
CASA BERARDI										
Tons of ore processed – underground	176,57	6	161,609		161,355	167,435		178,908	338,185	365,827
Tons of ore processed – surface pit	225,04	2	224,541		225,662	230,708		195,775	449,586	377,259
Tons of ore processed – total	401,61	8	386,150		387,017	398,143		374,683	787,771	743,086
Surface tons mined – ore and waste	2,149,41	2	1,892,339		1,507,457	1,483,231		2,033,403	4,041,751	4,024,490
Total production cost per ton	\$ 113.0		117.96	\$	108.82	\$ 86.95	\$	99.36	115.46	
Ore grade milled – Gold (oz./ton) - underground	0.1	9	0.14		0.17	0.16		0.15	0.17	0.16
Ore grade milled – Gold (oz./ton) - surface pit	0.0	5	0.05		0.07	0.04		0.06	0.05	0.06
Ore grade milled – Gold (oz./ton) - combined	0.1	0	0.09		0.11	0.09		0.10	0.09	0.11
Gold produced (oz.) – underground	22,86	6	19,374		22,910	24,170		23,441	42,240	51,010
Gold produced (oz.) – surface pit	10,44		10,866		14,356	5,552		7,892	21,306	16,513
Gold produced (oz.) – total	33,30	6	30,240		37,266	29,722		31,333	63,546	67,523
Silver produced (oz.) – total	8,37	9	7,068		7,967	7,012		7,917	15,447	18,592
Sales	\$ 62,63	9 \$	62,101	\$	60,054	\$ 56,065	\$	56,122	Ÿ .= .,V	\$ 129,033
Total cost of sales	\$ (61,87	0) \$	(62,168)	\$	(57,069)	\$ (58,164)	\$	(54,669)	\$ (124,038)	\$ (114,596
Gross profit/(loss)		9 \$	(67)	\$	2,985	\$ (2,099)		1,453	702	\$ 14,437
Cash flow from operations	\$ 7,41	7 \$	8,089	\$	10,029	\$ 17,058	\$	15,756	\$ 15,506	\$ 30,948
Exploration	\$ 1,34	1 \$	2,635	\$	2,124	\$ 4,382	\$	1,739	\$ 3,976	\$ 3,020
Capital additions	\$ (8,09	3) \$	(7,808)	\$	(9,537)	\$ (11,488)	\$	(12,153)	\$ (15,901)	\$ (26,000
Free cash flow ²		5 \$	2,916	\$	2,616	\$ 9,952	\$	5,342	\$ 3,581	
Cash Cost per gold ounce, after by-product credits	\$ 1,37	1 \$	1,516	\$	1,137	\$ 1,175	\$	1,199	\$ 1,440	\$ 1,106
AISC per gold ounce, after by- product credits	\$ 1,64	1 \$	1,810	\$	1,470	\$ 1,476	\$	1,434	\$ 1,721	\$ 1,347

Casa Berardi produced 33,306 ounces of gold compared to 30,240 ounces in the prior quarter, an increase of 10% due to higher grades milled as more material was sourced from the underground mine. The mill continued to perform well, operating at an average of 4,413 tons per day ("tpd") in the second quarter of 2022 compared to 4,291 tpd over prior quarter.

Total cost of sales for the second quarter 2022 was \$61.9 million compared to \$62.2 million in the prior quarter. Cash cost and AISC per gold ounce decreased by \$145 per ounce and \$169 per ounce over the prior quarter to \$1,371 and \$1,641, respectively, with the decrease primarily driven by higher production.

EXPLORATION AND PRE-DEVELOPMENT UPDATE

Exploration and Pre-development expenditures were \$11.2 million for the quarter with the focus on both surface and underground drilling at Greens Creek, underground drilling at Casa Berardi and the re-initiation of exploration at the large land packages at Republic, Washington; Creede, Colorado and Aurora, Nevada. Programs continued at San Sebastian and Midas with permitting for water removal at Hollister advancing.

Greens Creek

At Greens Creek, three underground core drills focused on resource conversion in the Southwest Bench, 200 South, East, and West ore zones and exploration in the East and Gallagher Fault Block zones while two helicopter supported core drills started drilling extensions to the Upper Plate Zone from surface late in the Quarter. Assay results received during the 2nd quarter for drilling in the Southwest Bench, 200 South, East, West, and 9A areas are confirming and expanding all mineral zones.

Southwest Bench drilling during the quarter targeted inferred resource areas along a strike length of 400 feet with the goal of upgrading and expanding resources. Highlights from this drilling includes 42.7 oz/ton silver, 0.09 oz/ton gold, 18.8% zinc and 8.9% lead over 7.4 feet.

200 South drilling targeted the southern portion of the zone along a strike length of 600 feet and along with assay results received during the quarter, the 200 South drilling confirms the expansion of the deep bench up and down dip 50 feet, and down plunge 100 feet, from previous ore grade intercepts. Intercepts characteristic of this portion of the 200 South zone include 83.2 oz/ton Ag, 0.12 oz/ton Au, 3.1 % Zn, and 1.7% Pb over 7.2 feet. Assays received also confirm the expansion of the middle bench 100 feet down plunge from previous ore grade intercepts and includes 15.8 oz/ton Ag, 0.03 oz/ton Au, 1.5% Zn, and 0.6% Pb over 21.3 feet.

Drilling in the central portion of the East Zone focused on infilling areas between existing ore intercepts along the mine contact over a strike length of 850 feet. While limited assay results have been received so far, intercepts are typically narrow and can contain high-grade mineralization such as hole GC5716 with 429.0 oz/ton silver, 1.38 oz/ton gold, 6.4% zinc, and 1.7% lead over 1.0 foot.

Drilling at the West Zone targeted 400 feet of mine contact strike to upgrade and expand known mineralization. Assay highlights from this drilling include intercepts containing 50.4 oz/ton silver, 0.30 oz/ton gold, 14.4% zinc, and 7.6% lead over 57.1 feet. Assays results were received from 9A Zone drilling completed during the first quarter. Highlights from this drilling include 55.3 oz/ton silver, 1.3 oz/ton gold, 16.9% zinc, and 9.1% lead over 14.3 feet.

More complete drill assay highlights can be found in Table A at the end of the release.

Casa Berardi

At Casa Berardi, up to seven underground core drills and one surface core drill were focused on definition and exploration drilling in multiple zones and targets in the West Mine, Principal Mine, and East Mine areas. In addition to drilling in the mining lease, one surface Sonic drill completed the initial drill testing of three small, select historical gold till anomalies in the West, Central, and East Blocks of our large Casa Berardi property package which covers 23 miles of strike length along the Casa Berardi Break.

Drilling in the West Mine targeted the 118 zone where drilling has been focused on defining continuity and expanding mineralization in the 118-06,14, and 15 lenses up and down plunge and to the east. Highlights from this drilling includes an intercept grading 0.45 oz/ton gold over 14.1 feet which is located down plunge from the 118-06 lens showing that mineralization extends at least 360 feet below the current model and follow up exploration drilling is being planned to further test this zone at depth.

Drilling in the Principal Mine targeted the 119, Lower 123, and extensions of the 124 and 134 zones. In the 119 Zone, drilling is focused on defining the controls of mineralization in the 119-02 lens with recent intercepts including 0.14 oz/ton gold over 6.2 feet. Drilling at depth and to the west of the Lower 123 Zone intersected 0.17 oz/ton gold over 21.0 feet expanding mineralization 100 feet to the east of the modeled 123-02 lens. Surface drilling targeting the area between the 124 and 134 zones focused on expanding and connecting mineralization between these two zones which could have a positive impact on future mining in the proposed Principal and 134 open pits. Highlights from this drilling include 0.10 oz/ton gold over 48.9 feet and 0.07 oz/ton gold over 71.1 feet.

Exploration drilling in the East Mine targeted expanding mineralization in the 148 zone. Assay results have been received for one drillhole which extends high-grade mineralization an additional 85 feet to the east of the 148-01 lens. This drillhole grades 0.27 oz/ton gold over 24.6 feet and includes a narrower and higher-

grade section grading 2.81 oz/ton gold over 1.6 feet. This drillhole intercept opens the area at depth and to the east for expansion.

More complete drill assay highlights can be found in Table A at the end of the release.

San Sebastian

Exploration at San Sebastian advanced drill testing multiple targets within the district in addition to completing our Short Vertical Reverse Circulation (SVRC) drilling in areas under cover between the San Sebastian Mine and La Roca target areas.

Republic

Surface exploration is underway at our Republic District, which has had very limited exploration since we ceased underground mining operations in 1994. So far this year, we have completed a geophysical survey, detailed surface mapping and sampling, and one core drill is on site testing the Lone Pine-Blacktail and Tom Thumb target areas.

Drilling to date has been focused on the Blacktail target and four drillholes have been completed. The Blacktail target area is currently being evaluated for both bulk-tonnage mineralization as well as narrow underground mineable mineralization. Several known vein zones including the Belligerent, Bellicose, and Apex veins have been intersected in the current drilling in addition to multiple zones of small veins and veinlets. Assay results have been received for the high priority vein zones in the first three core holes and highlights from this initial drilling include 0.57 oz/ton gold and 5.7 oz/ton silver over 8.1 feet in the Belligerent Vein and 0.40 oz/ton gold and 0.3 oz/ton silver over 5.1 feet in an unnamed vein.

More complete drill assay highlights can be found in Table A at the end of the release.

San Juan

Surface exploration is also underway at our Creede District in Colorado. Detailed surface mapping is underway in the areas north and west of the Bulldog vein system detailing the Alpha Corsair, Pathfinder, and Rat Creek Basin target areas known to have large alteration footprints at the surface and very limited exploration. We also have one core drill testing the North Bulldog target area. This drilling is focused on following up on a narrow high-grade silver intercept that was intersected high in the volcanic stratigraphy in a poorly welded tuff. Current drilling is targeting the northern extension of the Bulldog structure deeper within the Campbell Mountain welded tuff which is historically the best host to mineralization in the district.

In addition to exploration drilling, Phase 1 of the Bulldog underground rehabilitation work is in progress which is designed to provide long-term access and water management and provide access for underground exploration and resource confirmation drilling.

Nevada

Drilling with two drill rigs at Midas continued to focus on drill testing the Racer structure within the East Graben Corridor along 1.7 miles of strike length and drill testing several other targets in the district including Little Opal, Southern Cross, Silica Ridge, SVI, and Vapor Trail.

Drilling at Aurora began during the quarter with one core drill targeting areas within the Martinez and Last Chance Hill target areas. The initial drillholes are testing, confirming, and defining the character of mineralization contained in some of the historical high-grade reverse circulation drillhole intercepts.

ALEXCO ACQUISITION UPDATE

On July 5, 2022, the Company announced a definitive agreement to acquire all outstanding common shares of Alexco that Hecla does not already own. Each outstanding common share of Alexco will be exchanged for 0.116 of a share of Hecla common stock implying consideration of US\$0.47 per Alexco common share based on the companies' 5-day volume weighted average price on the NYSE and NYSE American on July 1, 2022. As part of the agreement, Hecla agreed to (i) provide interim financing of \$30 million to provide working capital and ensure the development and exploration at Keno Hill continues to be advanced and (ii)

subscribe for additional common shares bringing its ownership stake to 9.9%. At the time of this release, of the \$30 million interim financing, \$20 million has been drawn and the subscription of common shares has been completed. The Company has also entered into an agreement with Wheaton Precious Metals Corporation to terminate its silver streaming interest at Alexco's Keno Hill property in exchange for US\$135 million of Hecla common stock conditional upon the completion of Hecla's acquisition of Alexco. On July 27, 2022 the Supreme Court of British Columbia issued an interim order authorizing the holding of Alexco's special meeting of its security holders to consider and, if deemed advisable, to pass a special resolution implementing Hecla's acquisition of Alexco. The acquisition is expected to close in early September 2022.

Upon closing of the acquisition, the Company expects to focus on (i) development and drilling at the Bermingham and Flame & Moth deposits over the next 12-18 months to open multiple sources of feed, (ii) to complete certain underground infrastructure projects, and (iii) to make improvements to the processing facility. At the Bermingham deposit, development will focus on the Bear zone to open working faces in addition to infill definition drilling. At the Flame & Moth deposit, the Company anticipates advancing development and conducting infill drilling focusing on the upper Lightning zone.

CREDIT FACILITY

On July 21, 2022, the Company entered into a new senior secured revolving credit facility of \$150 million with a \$75 million accordion feature. The facility has a maturity date of July 21, 2026 and will incur an interest rate at SOFR plus margins ranging from 0.10% to 0.25% plus an applicable margin between 2.00% and 3.50% depending on our total leverage ratio. The facility is collateralized by a mortgage on the Greens Creek mine and the equity interests of subsidiaries that own the Greens Creek mine or are part of the Greens Creek Joint Venture. Proceeds of the revolving loans under the facility may be used for general corporate purposes. Bank of America acted as the Administrative Agent and Sole Lead Arranger and Sole Bookrunner.

In connection with entry into the New Credit Agreement, the Company's prior Fifth Amended and Restated Credit Agreement dated as of July 16, 2018, was terminated on July 21, 2022.

DIVIDENDS

Common Stock

The Board of Directors declared a quarterly cash dividend of \$0.00625 per share of common stock, consisting of \$0.00375 per share for the minimum dividend component and \$0.0025 per share for the silver-linked component. The common stock dividend is payable on or about September 2, 2022, to stockholders of record on August 19, 2022. The realized silver price was \$20.68 per ounce in the second quarter satisfying the criterion for the silver-linked component under the Company's common stock dividend policy.

Preferred Stock

The Board of Directors elected to declare a quarterly cash dividend of \$0.875 per share of preferred stock, payable on or about October 1, 2022, to stockholders of record on September 15, 2022.

2022 GUIDANCE⁶

The Company has updated its guidance for annual cost and capital guidance as below. There is no change to the production guidance. The Company is also providing guidance for capital expenditures planned by the three operations.

2022 Production Outlook

	Silver Production (Moz)	Gold Production (Koz)	Silver Equivalent (Moz)	Gold Equivalent (Koz)
Greens Creek *	8.6-8.9	40-43	20.7-21.2	268-275
Lucky Friday *	4.3-4.6	N/A	8.9-9.3	116-120
Casa Berardi	N/A	125-132	9.7-10.2	125-132
Total ⁶	12.9-13.5	165-175	39.3-40.7	509-527

^{*} Equivalent ounces include Lead and Zinc production

2022 Cost Outlook

Annual guidance for Greens Creek's cost of sales has increased to reflect certain inflationary pressures. Increased production and by-product prices in the first half of the year are expected to more than offset inflation and as a result, Greens Creek's 2022 guidance for cash cost and AISC has been reduced. At the Lucky Friday, increased costs of sales guidance is driven by additional throughput as well as higher labor and other key input costs, which have resulted in increased 2022 guidance for cash cost and AISC. At the Casa Berardi mine, increased cost of sales guidance reflects higher costs of energy, materials and labor and continued usage of contractors to supplement manpower due to labor shortages in the area. Costs in the second half are expected to remain similar to levels seen in the first half of the year resulting in increased guidance for 2022 cash costs and AISC.

	Cost of Sale	es (millions)	Cash cost, aft credits, per silv	er by-product ver/gold ounce ³	AISC, after by-product credits, per produced silver/gold ounce ⁴					
	Previous	Current	Previous	Current	Previous	Current				
Greens Creek	\$230	\$235	\$0.75-\$2.50	\$0.00-\$1.75	\$6.50-\$8.50	\$5.50-\$7.50				
Lucky Friday	\$115	\$125	\$0.75-\$2.00	\$1.75-\$3.50	\$7.25-\$9.25	\$9.75-\$11.75				
Total Silver	\$345	\$360	\$0.75-\$2.50	\$0.75-\$2.50	\$9.75-\$11.75	\$9.75-\$11.75				
Casa Berardi	\$210	\$245	\$1,175-\$1,325	\$1,275-\$1,375	\$1,450-\$1,600	\$1,550-\$1,775				
Total Gold	\$210	\$245	\$1,175-\$1,325	\$1,275-\$1,375	\$1,450-\$1,600	\$1,550-\$1,775				

2022 Capital and Exploration Outlook

Consolidated capital guidance is increased for the year to include further inflationary pressures, expansion in scope and acceleration of certain capital projects from 2023 to 2022. At the Greens Creek mine, planned capital spend is expected to increase marginally as some planned expenditures from 2023 will be accelerated to the second half of 2022. At the Lucky Friday, capital expenditures for the second half are expected to increase approximately two fold compared to the first half of 2022 primarily due to expansion in scope, advancement of expenditures from 2023 into 2022, and inflationary adjustments. Capital expenditures at the Casa Berardi over the next six months are forecast to increase primarily due to design change in the planned raise of tailings storage cell #7.

Guidance for exploration and pre-development expenditures is unchanged.

	(mi	llions)
	Previous	Current
Capital expenditures	\$135	\$150 - \$160
Greens Creek	\$39 - \$42	\$42 - \$45
Lucky Friday	\$49 - \$53	\$60 - \$64
Casa Berardi	\$37 - \$41	\$45 - \$48
Exploration and Pre-development	\$45	\$45

CONFERENCE CALL AND WEBCAST

A conference call and webcast will be held Thursday, August 4, 2022 at 10:00 a.m. Eastern Daylight Time to discuss these results. You may join the conference call by dialing toll-free 1-888-330-2391 or for international dialing 1-240-789-2702. The Conference ID is 4812168. Please dial-in and provide the Conference ID number at least 10 minutes prior to the start time to join the call and mitigate any hold times. Hecla's live and archived webcast can be accessed at www.hecla-mining.com under Investors/Events & Webcasts.

ONE ON ONE CALLS

Hecla will make available members of management for one on one calls with any interested parties on Thursday, August 4, from 12:00 p.m. to 2:00 p.m. Eastern Daylight Time.

Hecla invites shareholders, investors, and other interested parties to schedule a personal, 30-minute virtual meeting (video or telephone) with a member of management to discuss operations, exploration, or general matters. Click on the link below to schedule a call (or copy and paste the link into your web browser.) You can select a topic once you have entered the meeting calendar. If you are unable to book a time, either due to high demand or for other reasons, please reach out to Anvita M. Patil, Vice President - Investor Relations and Treasurer at amishra@hecla-mining.com or 208-769-4100.

One-on-One meeting URL: https://calendly.com/2022-august-vie

ABOUT HECLA

Founded in 1891, Hecla is the largest silver producer in the United States. In addition to operating mines in Alaska and Idaho, and Quebec, Canada, the Company owns a number of exploration and predevelopment properties in world-class silver and gold mining districts throughout North America.

NOTES

Non-GAAP Financial Measures

Non-GAAP financial measures are intended to provide additional information only and do not have any standard meaning prescribed by United States generally accepted accounting principles (GAAP). These measures should not be considered in isolation or as a substitute for measures of performance prepared in accordance with GAAP. The non-GAAP financial measures cited in this release and listed below are reconciled to their most comparable GAAP measure at the end of this release.

- (1) Cash cost, after by-product credits, per silver and gold ounce is a non-GAAP measurement, a reconciliation of which to total cost of sales, can be found at the end of the release. It is an important operating statistic that management utilizes to measure each mine's operating performance. It also allows the benchmarking of performance of each mine versus those of our competitors. As a primary silver mining company, management also uses the statistic on an aggregate basis aggregating the Greens Creek and Lucky Friday mines to compare performance with that of other silver mining companies, and aggregating Casa Berardi and the Nevada operations, to compare its performance with other gold mining companies. Similarly, the statistic is useful in identifying acquisition and investment opportunities as it provides a common tool for measuring the financial performance of other mines with varying geologic, metallurgical and operating characteristics. In addition, the Company may use it when formulating performance goals and targets under its incentive program.
- (2) All-in sustaining cost (AISC), after by-product credits, is a non-GAAP measurement, a reconciliation of which to cost of sales and other direct production costs and depreciation, depletion and amortization, the closest GAAP measurement, can be found in the end of the release. AISC, after by-product credits, includes total cost of sales, expenses for reclamation and exploration at the mines sites, corporate exploration

related to sustaining operations, and all site sustaining capital costs. AISC, after by-product credits, is calculated net of depreciation, depletion, and amortization and by-product credits.

Current GAAP measures used in the mining industry, such as cost of goods sold, do not capture all the expenditures incurred to discover, develop and sustain silver and gold production. Management believes that all-in sustaining costs is a non-GAAP measure that provides additional information to management, investors and analysts to help (i) in the understanding of the economics of our operations and performance compared to other producers and (ii) in the transparency by better defining the total costs associated with production. Similarly, the statistic is useful in identifying acquisition and investment opportunities as it provides a common tool for measuring the financial performance of other mines with varying geologic, metallurgical and operating characteristics. In addition, the Company may use it when formulating performance goals and targets under its incentive program.

- (3) Free cash flow is a non-GAAP measure calculated as cash provided by operating activities less additions to properties, plants and equipment. Cash provided by operating activities for the Greens Creek, Lucky Friday and Casa Berardi operating segments excludes exploration and pre-development expense, as it is a discretionary expenditure and not a component of the mines' operating performance.
- (4) Adjusted EBITDA is a non-GAAP measurement, a reconciliation of which to net income(loss), the most comparable GAAP measure, can be found at the end of the release. Adjusted EBITDA is a measure used by management to evaluate the Company's operating performance but should not be considered an alternative to net income, or cash provided by operating activities as those terms are defined by GAAP, and does not necessarily indicate whether cash flows will be sufficient to fund cash needs. In addition, the Company may use it when formulating performance goals and targets under its incentive program. Net debt to adjusted EBITDA is a non-GAAP measurement, a reconciliation of which to debt and net income (loss), the most comparable GAAP measurements, can be found at the end of the release. It is an important measure for management to measure relative indebtedness and the ability to service the debt relative to its peers. It is calculated as total debt outstanding less total cash on hand divided by adjusted EBITDA.
- (5) Adjusted net income (loss) applicable to common stockholders is a non-GAAP measurement, a reconciliation of which to net income (loss) applicable to common stockholders, the most comparable GAAP measure, can be found at the end of the release. Adjusted net income (loss) is a measure used by management to evaluate the Company's operating performance but should not be considered an alternative to net income (loss) as defined by GAAP. They exclude certain impacts which are of a nature which we believe are not reflective of our underlying performance. Management believes that adjusted net income (loss) per common share provides investors with the ability to better evaluate our underlying operating performance.

Other

⁽⁶⁾ Expectations for 2022 include silver, gold, lead and zinc production from Greens Creek, Lucky Friday and Casa Berardi converted using Au \$1,700/oz, Ag \$22/oz, Zn \$1.50/lb., and Pb \$1.00/lb. Numbers may be rounded.

Cautionary Statements to Investors on Forward-Looking Statements

This news release contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended, which are intended to be covered by the safe harbor created by such sections and other applicable laws, including Canadian securities laws. When a forward-looking statement expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, such statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by the forward-looking statements. Forward-looking statements often address our expected future business and financial performance and financial condition and often contain words such as "anticipate," "intend," "plan," "will," "could," "would," "estimate," "should," "expect," "believe," "project," "target," "indicative," "preliminary," "potential" and similar expressions. Forward-looking statements in this news release may

include, without limitation: (i) Hecla could be the largest silver producer in the U.S. and Canada; (ii) the Company will be able to complete the Alexco acquisition; and (iii) mine-specific and Company-wide 2022 estimates of future production, sales and costs of sales, as well as cash cost and AISC per ounce (in each case after by-product credits) and Company-wide estimated spending on capital, exploration and predevelopment for 2022. The material factors or assumptions used to develop such forward-looking statements or forward-looking information include that the Company's plans for development and production will proceed as expected and will not require revision as a result of risks or uncertainties, whether known, unknown or unanticipated, to which the Company's operations are subject.

Estimates or expectations of future events or results are based upon certain assumptions, which may prove to be incorrect, which could cause actual results to differ from forward-looking statements. Such assumptions, include, but are not limited to: (i) there being no significant change to current geotechnical, metallurgical, hydrological and other physical conditions; (ii) permitting, development, operations and expansion of the Company's projects being consistent with current expectations and mine plans; (iii) political/regulatory developments in any jurisdiction in which the Company operates being consistent with its current expectations; (iv) the exchange rate for the USD/CAD being approximately consistent with current levels; (v) certain price assumptions for gold, silver, lead and zinc; (vi) prices for key supplies being approximately consistent with current levels; (vii) the accuracy of our current mineral reserve and mineral resource estimates; (viii) the Company's plans for development and production will proceed as expected and will not require revision as a result of risks or uncertainties, whether known, unknown or unanticipated; (ix) counterparties performing their obligations under hedging instruments and put option contracts; (x) sufficient workforce is available and trained to perform assigned tasks; (xi) weather patterns and rain/snowfall within normal seasonal ranges so as not to impact operations; (xii) relations with interested parties, including Native Americans, remain productive; (xiii) economic terms can be reached with thirdparty mill operators who have capacity to process our ore; (xiv) maintaining availability of water rights; (xv) factors do not arise that reduce available cash balances; and (xvi) there being no material increases in our current requirements to post or maintain reclamation and performance bonds or collateral related thereto.

In addition, material risks that could cause actual results to differ from forward-looking statements include, but are not limited to: (i) gold, silver and other metals price volatility; (ii) operating risks; (iii) currency fluctuations; (iv) increased production costs and variances in ore grade or recovery rates from those assumed in mining plans; (v) community relations; (vi) conflict resolution and outcome of projects or oppositions; (vii) litigation, political, regulatory, labor and environmental risks; (viii) exploration risks and results, including that mineral resources are not mineral reserves, they do not have demonstrated economic viability and there is no certainty that they can be upgraded to mineral reserves through continued exploration; (ix) the failure of counterparties to perform their obligations under hedging instruments; (x) we take a material impairment charge on our Nevada operations; (xi) we are unable to remain in compliance with all terms of the credit agreement in order to maintain continued access to the revolver, and (xii) we are unable to refinance the maturing senior notes. For a more detailed discussion of such risks and other factors, see the Company's 2021 Form 10-K, filed on February 23, 2022, with the Securities and Exchange Commission (SEC), as well as the Company's other SEC filings, including its Quarterly Report on Form 10-Q filed with the SEC on or about August 4, 2022. The Company does not undertake any obligation to release publicly revisions to any "forward-looking statement," including, without limitation, outlook, to reflect events or circumstances after the date of this news release or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws. Investors should not assume that any lack of update to a previously issued "forward-looking statement" constitutes a reaffirmation of that statement. Continued reliance on "forward-looking statements" is at investors' own risk.

Qualified Person (QP)

Kurt D. Allen, MSc., CPG, VP - Exploration of Hecla Mining Company and Keith Blair, MSc., CPG, Chief Geologist of Hecla Limited, who serve as a Qualified Person under S-K 1300 and NI 43-101, supervised the preparation of the scientific and technical information concerning Hecla's mineral projects in this news release. Technical Report Summaries (each a "TRS") for each of the Company's material properties are filed as exhibits 96.1, 96.2 and 96.3 to the Company's Annual Report on Form 10-K for the year ended December 31, 2021, and are available at www.sec.gov. Information regarding data verification, surveys

and investigations, quality assurance program and quality control measures and a summary of analytical or testing procedures for (i) the Greens Creek Mine are contained in its TRS and in a NI 43-101 technical report titled "Technical Report for the Greens Creek Mine" effective date December 31, 2018, (ii) the Lucky Friday Mine are contained in its TRS and in its technical report titled "Technical Report for the Lucky Friday Mine Shoshone County, Idaho, USA" effective date April 2, 2014, (iii) Casa Berardi are contained in its TRS and in its technical report titled "Technical Report on the mineral resource and mineral reserve estimate for Casa Berardi Mine, Northwestern Quebec, Canada" effective date December 31, 2018, and (iv) the San Sebastian Mine, Mexico, are contained in a technical report prepared for Hecla titled "Technical Report for the San Sebastian Ag-Au Property, Durango, Mexico" effective date September 8, 2015. Also included in each TRS and the four technical reports is a description of the key assumptions, parameters and methods used to estimate mineral reserves and resources and a general discussion of the extent to which the estimates may be affected by any known environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant factors. Information regarding data verification, surveys and investigations, quality assurance program and quality control measures and a summary of sample, analytical or testing procedures are contained in technical reports prepared for Klondex Mines Ltd. for (i) the Fire Creek Mine (technical report dated March 31, 2018), (ii) the Hollister Mine (technical report dated May 31, 2017, amended August 9, 2017), and (iii) the Midas Mine (technical report dated August 31, 2014, amended April 2, 2015). Copies of these technical reports are available under Hecla's profile on SEDAR at www.sedar.com. Mr. Allen and Mr. Blair reviewed and verified information regarding drill sampling, data verification of all digitally collected data, drill surveys and specific gravity determinations relating to all the mines. The review encompassed quality assurance programs and quality control measures including analytical or testing practice, chain-of-custody procedures, sample storage procedures and included independent sample collection and analysis. This review found the information and procedures meet industry standards and are adequate for Mineral Resource and Mineral Reserve estimation and mine planning purposes.

For further information, please contact:

Anvita M. Patil Vice President, Investor Relations and Treasurer

Cheryl Turner
Communications Coordinator

800-HECLA91 (800-432-5291) Investor Relations

Email: hmc-info@hecla-mining.com Website: www.hecla-mining.com

HECLA MINING COMPANY

Condensed Consolidated Statements of Operations (dollars and shares in thousands, except per share amounts - unaudited)

		Three Mon	ths Er	ded		Six Mont	ths Ended		
	June	30, 2022	Jun	e 30, 2021	Jun	e 30, 2022	Jur	e 30, 2021	
Sales	\$	191,242	\$	217,983	\$	377,741	\$	428,835	
Cost of sales and other direct production costs		115,907		110,320		221,679		207,029	
Depreciation, depletion and amortization		38,072		45,732		73,370		92,474	
Total cost of sales		153,979		156,052		295,049		299,503	
Gross profit		37,263		61,931		82,692		129,332	
Other operating expenses:									
General and administrative		9,692		11,104		17,986		19,111	
Exploration and pre-development		11,200		11,241		24,008		17,931	
Care and maintenance costs		5,242		5,786		11,447		10,104	
Provision for closed operations and environmental		4 470		4.004		0.070		4.700	
matters		1,472		1,024		2,373		4,733	
Other operating expense		1,945		3,634		4,408		7,282	
		29,551		32,789		60,222		59,161	
Income from operations		7,712		29,142		22,470		70,171	
Other income (expense):				(10.0-1)				(0.1.0.1=)	
Interest expense		(10,505)	\$	(10,271)		(20,911)		(21,015)	
Fair value adjustments, net		(16,428)		(18,063)		(10,463)		(19,938)	
Net foreign exchange gain (loss)		4,482		(1,907)		2,444		(3,971)	
Other income (expense)		1,470		(287)		2,975		(439)	
		(20,981)		(30,528)		(25,955)		(45,363)	
(Loss) income before income and mining taxes		(13,269)		(1,386)		(3,485)		24,808	
Income and mining tax (provision) benefit		(254)		4,134		(5,885)		(609)	
Net (loss) income		(13,523)		2,748		(9,370)		24,199	
Preferred stock dividends		(138)		(138)		(276)		(276)	
(Loss) income applicable to common shareholders	\$	(13,661)	\$	2,610	\$	(9,646)	\$	23,923	
Basic and diluted (loss) income per common share after preferred dividends	\$	(0.03)	\$	0.01	\$	(0.02)	\$	0.04	
Weighted average number of common shares outstanding - basic		539,401		535,531		538,943		534,819	
Weighted average number of common shares outstanding - diluted		539,401		542,262		538,943		541,468	

HECLA MINING COMPANY

Condensed Consolidated Statements of Cash Flows (dollars in thousands - unaudited)

(นิบแลเราเท เทอนรสท	us - ui	Quarter	Ended	Six Months Ended				
	Jun	ne 30, 2022	June 30, 2021	June 30, 2022	Jun	e 30, 2021		
OPERATING ACTIVITIES								
Net (loss) income	\$	(13,523)	\$ 2,748	\$ (9,370)	\$	24,199		
Non-cash elements included in net (loss) income								
Depreciation, depletion and amortization		38,200	45,904	73,656		92,861		
Write-down of inventory		754	6,431	754		6,431		
Fair value adjustments, net		(11,940)	13,837	(14,185)		5,214		
Provision for reclamation and closure costs		1,628	1,654	3,271		6,183		
Stock compensation		1,254	2,802	2,525		3,302		
Deferred income taxes		(3,524)	(7,886)	• • •		(7,745)		
Foreign exchange loss (gain)		(5,722)	2,700	(3,442)		4,455		
Other non-cash items, net		499	515	982		1,071		
Change in assets and liabilities:		40 400	(0.700)	40 400		(0.420)		
Accounts receivable		16,420	(6,768)			(9,432)		
Inventories		(3,271)	3,599	(8,352)		5,719		
Other current and non-current assets		(2,590)	2,597	(894)		4,125		
Accounts payable and accrued liabilities		31,026	18,056	17,119		(6,489)		
Accrued payroll and related benefits		(6,631)	2,644	278		(5,351)		
Accrued taxes Accrued reclamation and closure costs and other non-current		(9,437)	(3,030)			(999)		
		7,040	501	3,524		696		
Cash provided by operating activities		40,183	86,304	78,092		124,240		
INVESTING ACTIVITIES								
Additions to properties, plants, equipment and mineral interests		(34,329)	(31,898)			(53,311)		
Proceeds from sale of investments		_	-	2,487		_		
Proceeds from disposition of properties, plants and equipment		113	112	730		131		
Purchases of investments		(11,031)	_	(21,899)				
Net cash used in investing activities		(45,247)	(31,786)	(74,489)		(53,180)		
FINANCING ACTIVITIES								
Acquisition of treasury shares		(1,756)	(4,525)	(3,677)		(4,525)		
Dividends paid to common and preferred stockholders		(3,518)	(6,165)	(7,027)		(10,991)		
Credit facility fees paid		(20)	_	(74)		(82)		
Repayments of finance leases		(1,638)	(1,889)	(3,333)		(3,770)		
Net cash used in financing activities		(6,932)	(12,579)	(14,111)		(19,368)		
Effect of exchange rates on cash		(1,840)	(195)	(1,321)		(28)		
Net increase (decrease) in cash, cash equivalents and restricted cash		(13,836)	41,744	(11,828)		51,664		
Cash, cash equivalents and restricted cash at beginning of period		213,070		211,063		130,883		
Cash, cash equivalents and restricted cash at end of period	\$	199,234	\$ 182,547	\$ 199,234	\$	182,547		
Supplemental disclosure of cash flow information:					_	_		
Cash paid for interest	\$	146	\$ 93	\$ 18,749	\$	18,499		
Cash paid for income and mining taxes	\$	11,209	\$ 6,982	\$ 11,888	\$	9,469		

HECLA MINING COMPANY

Condensed Consolidated Balance Sheets (dollars and shares in thousands - unaudited)

	Jı	ine 30, 2022	December 31, 2021		
ASSETS					
Current assets:					
Cash and cash equivalents	\$	198,193	\$	210,010	
Accounts receivable:					
Trade		17,828		36,437	
Other, net		7,696		8,149	
Inventories		75,367		67,765	
Derivative assets		9,923		2,709	
Other current assets		13,389		16,557	
Total current assets		322,396		341,627	
Investments		23,931		10,844	
Restricted cash		1,041		1,053	
Properties, plants, equipment and mineral interests, net		2,295,962		2,310,810	
Operating lease right-of-use asset		11,649		12,435	
Deferred income taxes		45,562		45,562	
Derivative assets		12,897		2,503	
Other non-current assets		3,665	_	3,974	
Total assets	\$	2,717,103	\$	2,728,808	
LIABILITIES					
Current liabilities:					
Accounts payable and accrued liabilities	\$	84,997	\$	68,100	
Accrued payroll and related benefits		26,945		28,714	
Accrued taxes		8,341		12,306	
Finance and operating leases		8,580		8,098	
Derivative liabilities		4,228		19,353	
Other current liabilities		14,544		14,553	
Accrued reclamation and closure costs		10,594		9,259	
Total current liabilities		158,229		160,383	
Finance and operating leases		18,154		17,726	
Accrued reclamation and closure costs		103,747		103,972	
Long-term debt		507,841		508,095	
Deferred tax liability		143,213		149,706	
Derivative liabilities		522		18,528	
Other non-current liabilities		2,515		9,611	
Total liabilities		934,221		968,021	
STOCKHOLDERS' EQUITY				333,32	
Preferred stock		39		39	
Common stock		137,241		136,391	
Capital surplus		2,043,621		2,034,485	
Accumulated deficit		(370,048)		(353,651)	
Accumulated other comprehensive income (loss)		3,727		(28,456)	
Treasury stock		(31,698)		(28,021)	
Total shareholders' equity	_	1,782,882		1,760,787	
Total liabilities and shareholders' equity	\$	2,717,103	\$	2,728,808	
Common shares outstanding		548,037		545,535	

Reconciliation of Cost of Sales (GAAP) to Cash Cost, Before By-product Credits and Cash Cost, After By-product Credits (non-GAAP) and All-In Sustaining Cost, Before By-product Credits and All-In Sustaining Cost, After By-product Credits (non-GAAP)

The tables below present reconciliations between the most comparable GAAP measure of cost of sales and other direct production costs and depreciation, depletion and amortization to the non-GAAP measures of Cash Cost, Before By-product Credits, Cash Cost, After By-product Credits, AISC, Before By-product Credits and AISC, After By-product Credits for our operations at the Greens Creek , Lucky Friday, Casa Berardi and Nevada Operations units for the sixmonth periods ended June 30, 2022 and 2021 and the three month periods ended June 30 and March 31, 2022.

Cash Cost, After By-product Credits, per Ounce and AISC, After By-product Credits, per Ounce are measures developed by precious metals companies (including the Silver Institute and the World Gold Council) in an effort to provide a uniform standard for comparison purposes. There can be no assurance, however, that these non-GAAP measures as we report them are the same as those reported by other mining companies.

Cash Cost, After By-product Credits, per Ounce is an important operating statistic that we utilize to measure each mine's operating performance. AISC, After By-product Credits, per Ounce is an important operating statistic that we utilize as a measures of our mines' net cash flow after costs for exploration, pre-development, reclamation, and sustaining capital. Current GAAP measures used in the mining industry, such as cost of goods sold, do not capture all the expenditures incurred to discover, develop and sustain silver and gold production. Cash Cost, After By-product Credits, per Ounce and AISC, After By-product Credits, per Ounce also allow us to benchmark the performance of each of our mines versus those of our competitors. As a silver and gold mining company, we also use these statistics on an aggregate basis - aggregating the Greens Creek and Lucky Friday mines - to compare our performance with that of other silver mining companies, and aggregating Casa Berardi and Nevada Operations for comparison to other gold mining companies. Similarly, these statistics are useful in identifying acquisition and investment opportunities as they provide a common tool for measuring the financial performance of other mines with varying geologic, metallurgical and operating characteristics.

Cash Cost, Before By-product Credits and AISC, Before By-product Credits include all direct and indirect operating cash costs related directly to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining expense, on-site general and administrative costs, royalties. AISC, Before By-product Credits for each mine also includes on-site exploration, reclamation, and sustaining capital costs. AISC, Before By-product Credits for our consolidated silver properties also includes corporate costs for general and administrative expense, reclamation, exploration, and pre-development. By-product credits include revenues earned from all metals other than the primary metal produced at each unit. As depicted in the tables below, by-product credits comprise an essential element of our silver unit cost structure, distinguishing our silver operations due to the polymetallic nature of their orebodies. Cash Cost, After By-product Credits, per Ounce and AISC, After By-product Credits, per Ounce provide management and investors an indication of operating cash flow, after consideration of the average price, received from production. We also use these measurements for the comparative monitoring of performance of our mining operations period-to-period from a cash flow perspective.

The Casa Berardi, Nevada Operations and combined gold properties information below reports Cash Cost, After By-product Credits, per Gold Ounce for the production of gold, its primary product, and by-product revenues earned from silver, which is a by-product at Casa Berardi and Nevada Operations. Only costs and ounces produced relating to units with the same primary product are combined to represent Cash Cost, After By-product Credits, per Ounce and AISC, After By-product Credits, per Ounce. Thus, the gold produced at our Casa Berardi and Nevada Operations units is not included as a by-product credit when calculating Cash Cost, After By-product Credits, per Silver Ounce and AISC, After By-product Credits, per Silver Ounce for the total of Greens Creek and Lucky Friday, our combined silver properties. Similarly, the silver produced at our other two units is not included as a by-product credit when calculating the gold metrics for Casa Berardi and Nevada Operations.

In thousands (except per ounce amounts)	Three	Months En	ded June 30,	2022	Three	Months End	led March 31	, 2022	Six	Months End	ded June 30,	2022	Six	Months End	ed June 30, 2	021
	Greens Creek	Lucky Friday	Other	Total Silver	Greens Creek	Lucky Friday	Other ⁽²⁾	Total Silver	Greens Creek	Lucky Friday	Other	Total Silver	Greens Creek	Lucky Friday	Other ⁽²⁾	Total Silver
Total cost of sales	\$ 60,506	\$30,348		\$90,854	\$49,638	\$29,264	_	\$ 78,902	\$110,143	\$59,613		\$169,756	\$108,668	\$ 50,696	\$ 95	\$159,459
Depreciation, depletion and amortization	(13,629)	(8,862)	_	(22,491)	(11,420)	(8,032)	_	(19,452)	(25,049)	(16,894)	_	(41,943)	(29,313)	(13,738)	_	(43,051)
Treatment costs	8,778	4,803	_	13,581	9,096	3,677	_	12,773	17,892	8,480	_	26,372	19,465	9,664	_	29,129
Change in product inventory	(1,102)	503	_	(599)	6,538	(905)	_	5,633	5,436	(402)	_	5,034	(34)	(1,689)	_	(1,723)
Reclamation and other costs	(1,005)	(256)		(1,261)	(850)	(361)		(1,211)	(1,872)	(619)		(2,491)	(932)	(559)	(95)	(1,586)
Cash Cost, Before By-product Credits (1)	53,548	26,536	_	80,084	53,002	23,643	_	76,645	106,550	50,178	_	156,728	97,854	44,374	_	142,228
Reclamation and other costs	705	282	_	987	705	282	_	987	1,410	564	_	1,974	1,695	528	_	2,223
Exploration	929	_	769	1,698	165	_	716	881	1,094	_	1,485	2,579	1,423	_	885	2,308
Sustaining capital	14,668	8,110	99	22,877	5,956	5,562	48	11,566	20,624	13,671	147	34,442	11,231	10,698	_	21,929
General and administrative			9,692	9,692			8,294	8,294			17,986	17,986			19,111	19,111
AISC, Before By-product Credits	69,850	34,928	10,560	115,338	59,828	29,487	9,058	98,373	129,678	64,413	19,618	213,709	112,203	55,600	19,996	187,799
By-product credits:																
Zinc	(32,828)	(8,227)	_	(41,055)	(28,651)	(5,977)	_	(34,628)	(61,479)	(14,204)	_	(75,683)	(49,277)	(9,846)	_	(59,123)
Gold	(20,364)	_	_	(20,364)	(18,583)	_	_	(18,583)	(38,947)	_	_	(38,947)	(41,434)	_	_	(41,434)
Lead	(8,271)	(14,543)		(22,814)	(7,966)	(11,836)		(19,802)	(16,237)	(26,379)	<u> </u>	(42,616)	(15,625)	(20,574)		(36,199)
Total By-product credits	(61,463)	(22,770)		(84,233)	(55,200)	(17,813)		(73,013)	(116,663)	(40,583)		(157,246)	(106,336)	(30,420)		(136,756)
Cash Cost, After By-product																
Credits	\$ (7,915)	\$ 3,766	<u>\$</u>			\$ 5,830 \$		=	\$(10,113)	\$ 9,595	<u>\$</u>	\$ (518)	\$ (8,482)	\$ 13,954	<u>\$</u>	\$ 5,472
AISC, After By-product Credits	\$ 8,387	\$12,158	\$ 10,560			\$11,674	9,058		\$ 13,015	\$23,830	\$ 19,618	\$ 56,463	\$ 5,867	\$ 25,180	\$ 19,996	\$ 51,043
Divided by ounces produced	2,410	1,226		3,636	2,430	888		3,318	4,840	2,114		6,954	5,143	1 1,777		6,920
Cash Cost, Before By- product Credits, per Silver	\$ 22.21	\$ 21.65		¢ 22.02	¢ 24.92	\$ 26.63		\$ 23.10	¢ 22.01	\$ 23.74		\$ 22.54	\$ 19.03	\$ 24.97		\$ 20.55
Ounce	•	,			l'			,		, -		·	,	•		
By-product credits per ounce Cash Cost, After By-product	(25.50)	(18.58)		(23.17)	(22.72)	(20.06)		(22.01)	(24.10)	(19.20)		(22.61)	(20.68)	(17.12)		(19.76)
Credits, per Silver Ounce	\$ (3.29)	\$ 3.07		\$ (1.14)	\$ (0.90)	\$ 6.57		\$ 1.09	\$ (2.09)	\$ 4.54		\$ (0.07)	\$ (1.65)	\$ 7.85		\$ 0.79
AISC, Before By-product Credits, per Silver Ounce	\$ 28.98	\$ 28.49		\$ 31.72	\$ 24.62	\$ 33.21		\$ 29.65	\$ 26.79	\$ 30.47		\$ 30.73	\$ 21.82	\$ 31.29		\$ 27.14
By-product credits per ounce	(25.50)	(18.58)		(23.17)	(22.72)	(20.06)		(22.01)	(24.10)	(19.20)		(22.61)	(20.68)	(17.12)		(19.76)
AISC, After By-product Credits, per Silver Ounce	\$ 3.48	\$ 9.91		\$ 8.55	\$ 1.90	\$ 13.15		\$ 7.64	\$ 2.69	\$ 11.27		\$ 8.12	\$ 1.14	\$ 14.17		\$ 7.38

In thousands (except per ounce amounts)	cept per ounce amounts) Three Months Ende					ths End 31, 2022	ed	Six Month		Six Months Ended June 30, 2021						
	Casa Berardi		Total Gold		Casa erardi	Total G	old	Casa Berardi	Total Gold	Casa Berardi		Nevada erations ⁽³	Corporate ⁽³	Total Gold		
Total cost of sales	\$ 61,870)	\$ 61,870	\$	62,168	\$ 62,	168	\$ 124,038	\$124,038	\$114,596	\$	25,448	_	\$140,044		
Depreciation, depletion and amortization	(15,45	9)	(15,459)	(15,846)	(15,8	346)	(31,305)	(31,305)	(41,191)		(8,232)	_	(49,423)		
Treatment costs	45	7	457		458	4	458	915	915	1,249		1,730	_	2,979		
Change in product inventory	(79	3)	(793)		(563)	(!	563)	(1,356)	(1,356)	968		11,499	_	12,467		
Reclamation and other costs	(20	9)	(209)		(210)	(2	210)	(419)	(419)	(423)		(245)	_	(668)		
Exclusion of Nevada Operations costs							_					(5,103)		(5,103)		
Cash Cost, Before By-product Credits (1)	45,860	6	45,866		46,007	46,0	007	91,873	91,873	75,199		25,097	_	100,296		
Reclamation and other costs	209	9	209		210	2	210	419	419	423		245	_	668		
Sustaining Exploration	1,178	3	1,178		1,394	1,3	394	2,572	2,572	2,010		_	_	2,010		
Sustaining capital	7,59	7	7,597		7,281	7,2	281	14,878	14,878	13,822		133		13,955		
AISC, Before By-product Credits (1)	54,850)	54,850		54,892	54,8	392	109,742	109,742	91,454		25,475	_	116,929		
By-product credits:													_			
Silver	\$ (18	3)	(188)		(166)	(166)	(354)	(354)	(487)		(1,103)		(1,590)		
Total By-product credits	(18	3)	(188)		(166)	(166)	(354)	(354)	(487)		(1,103)		(1,590)		
Cash Cost, After By-product Credits	\$ 45,678	3	\$ 45,678	\$	45,841	\$ 45,8	341	\$ 91,519	\$ 91,519	\$ 74,712	\$	23,994		\$ 98,706		
AISC, After By-product Credits	\$ 54,662	2	\$ 54,662	\$	54,726	\$ 54,	726	\$ 109,388	\$109,388	\$ 90,967	\$	24,372		\$115,339		
Divided by gold ounces produced	3:	3	33	Г	30		30	64	64	68		17		85		
Cash Cost, Before By-product Credits, per Gold Ounce	\$ 1,37	7	\$ 1,377	\$	1,521	\$ 1,5	521	\$ 1,446	\$ 1,446	\$ 1,113	\$	1,434		\$ 1,180		
By-product credits per ounce	(<u>6)</u>	(6)		(5)		(5)	(6)	(6)	(7)		(63)		(19)		
Cash Cost, After By-product Credits, per Gold Ounce	\$ 1,37	<u> </u>	\$ 1,371	\$	1,516	\$ 1,5	516	\$ 1,440	\$ 1,440	\$ 1,106	\$	1,371		\$ 1,161		
AISC, Before By-product Credits, per Gold Ounce	\$ 1,64	7	\$ 1,647	\$	1,815	\$ 1,8	315	\$ 1,727	\$ 1,727	\$ 1,354	\$	1,456		\$ 1,376		
By-product credits per ounce	(3)	(6)		(5)		(5)	(6)	(6)	(7)		(63)		(19)		
AISC, After By-product Credits, per Gold Ounce	\$ 1,64°	<u> </u>	\$ 1,641	\$	1,810	\$ 1,8	310	\$ 1,721	\$ 1,721	\$ 1,347	\$	1,393		\$ 1,357		

In thousands (except per ounce amounts)		Three Mor	nths I	Ended June	e 30	0, 2022	T	Three Mont	hs	Ended Mar	ch 3	1, 2022		Six Month	ıs E	nded June 3	30,	2022		Six Month	ıs E	nded June	30,	2021
	To	tal Silver	To	tal Gold		Total	То	otal Silver	Ţ	otal Gold		Total	1	Total Silver	To	otal Gold		Total	To	tal Silver	To	tal Gold		Total
Total cost of sales	\$	90,854	\$	61,870	\$	152,724	\$	78,902	\$	62,168	\$	141,070	\$	169,756	\$	124,038	\$	293,794	\$	159,459	\$	140,044	\$	299,503
Depreciation, depletion and amortization		(22,491)		(15,459)		(37,950)		(19,452)		(15,846)		(35,298)		(41,943)		(31,305)		(73,248)		(43,051)		(49,423)		(92,474)
Treatment costs		13,581		457		14,038		12,773		458		13,231		26,372		915		27,287		29,129		2,979		32,108
Change in product inventory		(599)		(793)		(1,392)		5,633		(563)		5,070		5,034		(1,356)		3,678		(1,723)		12,467		10,744
Reclamation and other costs		(1,261)		(209)		(1,470)		(1,211)		(210)		(1,421)		(2,491)		(419)		(2,910)		(1,586)		(668)		(2,254)
Cash costs excluded																						(5,103)		(5,103)
Cash Cost, Before By-product Credits		80,084		45,866		125,950		76,645		46,007		122,652		156,728		91,873		248,601		142,228		100,296	\$	242,524
Reclamation and other costs		987		209		1,196		987		210		1,197		1,974		419		2,393		2,223		668		2,891
Exploration		1,698		1,178		2,876		881		1,394		2,275		2,579		2,572		5,151		2,308		2,010		4,318
Sustaining capital		22,877		7,597		30,474		11,566		7,281		18,847		34,442		14,878		49,320		21,929		13,955		35,884
General and administrative		9,692				9,692		8,294				8,294		17,986				17,986		19,111				19,111
AISC, Before By-product Credits (1)		115,338		54,850		170,188		98,373		54,892		153,265		213,709		109,742		323,451		187,799		116,929	\$	304,728
By-product credits:																								
Zinc		(41,055)		_		(41,055)		(34,628)		_		(34,628)		(75,683)		_		(75,683)		(59,123)		_		(59,123)
Gold		(20,364)		_		(20,364)		(18,583)		_		(18,583)		(38,947)		_		(38,947)		(41,434)		_		(41,434)
Lead		(22,814)		_		(22,814)		(19,802)		_		(19,802)		(42,616)		_		(42,616)		(36,199)		_		(36,199)
Silver				(188)		(188)				(166)		(166)				(354)		(354)				(1,590)		(1,590)
Total By-product credits		(84,233)		(188)		(84,421)		(73,013)		(166)		(73,179)		(157,246)		(354)		(157,600)		(136,756)		(1,590)		(138,346)
Cash Cost, After By-product Credits	\$	(4,149)	\$	45,678	\$	41,529	\$	3,632	\$	45,841	\$	49,473	\$	(518)	\$	91,519	\$	91,001	\$	5,472	\$	98,706	\$	104,178
AISC, After By-product Credits	\$	31,105	\$	54,662	\$	85,767	\$	25,360	\$	54,726	\$	80,086	\$	56,463	\$	109,388	\$	165,851	\$	51,043	\$	115,339	\$	166,382
Divided by ounces produced		3,636		33				3,318		30				6,954		64				6,920		85		
Cash Cost, Before By-product	•	00.00	•	4.077				00.40	•	4 504				00.54	•	4 440				00.55	•	4 400		
Credits, per Ounce	\$	22.03	\$	1,377			\$	23.10	\$	1,521			\$		\$	1,446			\$	20.55	\$	1,180		
By-product credits per ounce	_	(23.17)	_	(6)				(22.01)	_	(5)			_	(22.61)	_	(6)			_	(19.76)	_	(19)		
Cash Cost, After By-product Credits, per Ounce	\$	(1.14)	\$	1,371			\$	1.09	\$	1,516			\$	(0.07)	\$	1,440			\$	0.79	\$	1,161		
AISC, Before By-product Credits, per Ounce	\$	31.72	\$	1,647			\$	29.65	\$	1,815			\$	30.73	\$	1,727			\$	27.14	\$	1,376		
By-product credits per ounce		(23.17)		(6)				(22.01)		(5)				(22.61)		(6)				(19.76)		(19)		
AISC, After By-product Credits, per Ounce	\$	8.55	\$	1,641			\$	7.64	\$	1,810			\$	8.12	\$	1,721			\$	7.38	\$	1,357		

In thousands (except per ounce amounts)	Three M	onths Ende	ed December	31, 2021	Three Mo	onths Ende	d September	30, 2021	Three	Months En	ded June 30,	2021
	Greens Creek	Lucky Friday ⁽²⁾	Other ⁽³⁾	Total Silver	Greens Creek	Lucky Friday	Other(3)	Total Silver	Greens Creek	Lucky Friday ⁽²⁾	Other(3)	Total Silver
Total cost of sales	\$ 49,252	\$ 23,251	\$ 152	\$ 72,655	\$ 55,193	\$ 23,591	\$ -	\$ 78,784	\$ 55,488	\$ 27,901	\$ 1	\$ 83,390
Depreciation, depletion and amortization	(6,300)	(6,518)	(152)	(12,970)	(13,097)	(6,590)	_	(19,687)	(14,492)	(7,402)	_	(21,894)
Treatment costs	8,655	3,636	_	12,291	7,979	3,427	_	11,406	8,924	4,686	_	13,610
Change in product inventory	236	1,351	_	1,587	(122)	(68)	_	(190)	(435)	(1,596)	_	(2,031)
Reclamation and other costs (5)	(1,689)	(199)		(1,888)	(786)	(281)		(1,067)	(672)	(325)	(1)	(998)
Cash Cost, Before By-product Credits (1)	50,154	21,521	_	71,675	49,167	20,079	_	69,246	48,813	23,264	_	72,077
Reclamation and other costs	847	264	_	1,111	848	264	_	1,112	847	264		1,111
Exploration	696	_	867	1,563	2,472	_	474	2,946	1,300	_	450	1,750
Sustaining capital	10,123	7,413	172	17,708	6,228	8,406	_	14,634	6,339	5,244	_	11,583
General and administrative (5)			6,585	6,585			8,874	8,874			11,104	11,104
AISC, Before By-product Credits (1)	61,820	29,198	7,624	98,642	58,715	28,749	9,348	96,812	57,299	28,772	11,554	97,625
By-product credits:												
Zinc	(25,643)	(5,022)		(30,665)	(25,295)	(4,611)		(29,906)	(26,510)	(5,093)	_	(31,603)
Gold	(15,712)	0		(15,712)	(14,864)	_		(14,864)	(20,438)	_	_	(20,438)
Lead	(7,657)	(12,204)		(19,861)	(7,640)	(10,188)		(17,828)	(8,605)	(10,799)		(19,404)
Total By-product credits	(49,012)	(17,226)	_	(66,238)	(47,799)	(14,799)		(62,598)	(55,553)	(15,892)		(71,445)
Cash Cost, After By-product Credits	\$ 1,142	\$ 4,295	\$ –	\$ 5,437	\$ 1,368	\$ 5,280	\$ —	\$ 6,648	\$ (6,740)	\$ 7,372	\$ —	\$ 632
AISC, After By-product Credits	\$ 12,808	\$ 11,972	\$ 7,624	\$ 32,404	\$ 10,916	\$ 13,950	\$ 9,348	\$ 34,214	\$\$ 1,746	\$ 12,880	\$ 11,554	\$ 26,180
Divided by ounces produced	2,262	955		3,217	1,837	832		2,669	2,558	913		3,471
Cash Cost, Before By-product												
Credits, per Silver Ounce	\$ 22.18	\$ 22.54		\$ 22.28	\$ 26.76	\$ 24.14		\$ 25.93	\$ 19.08	\$ 25.49		\$ 20.76
By-product credits per ounce	(21.68)	(18.04)		(20.59)	(26.02)	(17.79)		(23.44)	(21.72)	(17.42)		(20.58)
Cash Cost, After By-product Credits, per Silver Ounce	\$ 0.50	\$ 4.50		\$ 1.69	\$ 0.74	\$ 6.35		\$ 2.49	\$ (2.64)	\$ 8.07		\$ 0.18
AISC, Before By-product Credits, per	ψ 0.50	Ψ 4.50		ψ 1.03	Ψ 0.14	ψ 0.00		Ψ 2.43	Ψ (2.04)	\$ 8.07		Ψ 0.10
Silver Ounce	\$ 27.34	\$ 30.58		\$ 30.67	\$ 31.96	\$ 34.58		\$ 36.26	\$ 22.40	\$ 31.52		\$ 28.12
By-product credits per ounce	(21.68)	(18.04)		(20.59)	(26.02)	(17.79)		(23.44)	(21.72)	(17.42)		(20.58)
AISC, After By-product Credits, per Silver Ounce	\$ 5.66	\$ 12.54		\$ 10.08	\$ 5.94	\$ 16.79		\$ 12.82	\$ 0.68	\$ 14.10		\$ 7.54

In thousands (except per ounce amounts)	Three Mor	nths Ended Dec 2021	ember 31,	Three Mor	nths Ended Sep 2021	tember 30,	Three Mo	onths Ended June	30, 2021
	Casa Berardi	Nevada Operations ⁽⁴	Total Gold	Casa Berardi	Nevada Operations ⁽⁴⁾	Total Gold	Casa Berardi	Nevada Operations ⁽⁴⁾	Total Gold
Total cost of sales	\$ 57,069	\$ 2,113	\$ 59,182	\$ 58,164	\$ 21,384	\$ 79,548	\$ 54,669	\$ 17,993	\$ 72,662
Depreciation, depletion and amortization	(19,585)	(320)	(19,905)	(19,968)	(6,135)	(26,103)	(18,239)	(5,599)	(23,838)
Treatment costs	423	_	423	475	1	476	535	1,719	2,254
Change in product inventory	4,839	(956)	3,883	(3,369)	(12,389)	(15,758)	1,015	12,583	13,598
Reclamation and other costs (5)	(208)	1	(207)	(210)	_	(210)	(215)	(218)	(433)
Exclusion of Nevada Operations costs								(4,914)	(4,914)
Cash Cost, Before By-product Credits (1)	42,538	838	43,376	35,092	2,861	37,953	37,765	21,564	59,329
Reclamation and other costs	209	327	536	209	327	536	215	218	433
Exploration	1,775	_	1,775	1,541	_	1,541	1,103	_	1,103
Sustaining capital	10,459	316	10,775	7,208	29	7,237	6,064	44	6,108
AISC, Before By-product Credits (1)	54,981	1,481	56,462	44,050	3,217	47,267	45,147	21,826	66,973
By-product credits:									
Silver	(183)	(21)	(204)	(169)	(6)	(175)	(209)	(1,103)	(1,312)
Total By-product credits	(183)	(21)	(204)	(169)	(6)	(175)	(209)	(1,103)	(1,312)
Cash Cost, After By-product Credits	\$ 42,355	\$ 817	\$ 43,172	\$ 34,923	\$ 2,855	\$ 37,778	\$ 37,556	\$ 20,461	\$ 58,017
AISC, After By-product Credits	\$ 54,798	\$ 1,460	\$ 56,258	\$ 43,881	\$ 3,211	\$ 47,092	\$ 44,938	\$ 20,723	\$ 65,661
Divided by gold ounces produced	37	_	37	30	3	33	31	15	46
Cash Cost, Before By-product Credits, per Gold Ounce	\$ 1,142	\$ 1,737	\$ 1,148	\$ 1,181	\$ 1,040	\$ 1,168	\$ 1,206	\$ 1.443	\$ 1,282
By-product credits per ounce	(5)	(44)	(5)	(6)	(2)	(5)	(7)	(74)	(28)
Cash Cost, After By-product Credits, per Gold Ounce	\$ 1,137	\$ 1,693	\$ 1,143		\$ 1,038	\$ 1,163		\$ 1,369	\$ 1,254
AISC, Before By-product Credits, per Gold Ounce	\$ 1,475	\$ 3,073	\$ 1,499	\$ 1,482	\$ 1,169	\$ 1,455	\$ 1,441	\$ 1,460	\$ 1,447
By-product credits per ounce	(5)	(44)	(5)	(6)	(2)	(5)	(7)	(74)	(28)
AISC, After By-product Credits, per Gold Ounce	\$ 1,470	\$ 3,029	\$ 1,494	\$ 1,476	\$ 1,167	\$ 1,450	\$ 1,434	\$ 1,386	\$ 1,419

In thousands (except per ounce amounts)	Three Mo	onths Ended I 31, 2021	December	Three Mor	oths Ended 8 30, 2021	September	Three M	onths Ended 2021	June 30,
	Total Silver	Total Gold	Total	Total Silver	Total Gold	Total	Total Silver	Total Gold	Total
Cost of sales and other direct production costs and depreciation, depletion and amortization	\$ 72,655	\$ 59,182	\$ 131,837	\$ 78,784	\$ 79,548	\$ 158,332	\$ 83,390	\$ 72,662	\$ 156,052
Depreciation, depletion and amortization	(12,970)	(19,905)	(32,875)	(19,687)	(26,103)	(45,790)	(21,894)	(23,838)	(45,732)
Treatment costs	12,291	423	12,714	11,406	476	11,882	13,610	2,254	15,864
Change in product inventory	1,587	3,883	5,470	(190)	(15,758)	(15,948)	(2,031)	13,598	11,567
Reclamation and other costs	(1,888)	(207)	(2,095)	(1,067)	(210)	(1,277)	(998)	(433)	(1,431)
Cash costs excluded	_	_			_	_	_	(4,914)	(4,914)
Cash Cost, Before By-product Credits (1)	71,675	43,376	115,051	69,246	37,953	107,199	72,077	59,329	131,406
Reclamation and other costs	1,111	536	1,647	1,112	536	1,648	1,111	433	1,544
Exploration	1,563	1,775	3,338	2,946	1,541	4,487	1,750	1,103	2,853
Sustaining capital	17,708	10,775	28,483	14,634	7,237	21,871	11,583	6,108	17,691
General and administrative	6,585	_	6,585	8,874	_	8,874	11,104	_	11,104
AISC, Before By-product Credits (1)	98,642	56,462	155,104	96,812	47,267	144,079	97,625	66,973	164,598
By-product credits:	,-		, .		, -	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	,,,,,,
Zinc	(30,665)	_	(30,665)	(29,906)	_	(29,906)	(31,603)	_	(31,603)
Gold	(15,712)	_	(15,712)	(14,864)	_	(14,864)	(20,438)	_	(20,438)
Lead	(19,861)	_	(19,861)	(17,828)	_	(17,828)	(19,404)	_	(19,404)
Silver	_	(204)	(204)		(175)	(175)	` _	(1,312)	(1,312)
Total By-product credits	(66,238)	(204)	(66,442)	(62,598)	(175)	(62,773)	(71,445)	(1,312)	(72,757)
Cash Cost, After By-product Credits	\$ 5,437	\$ 43,172	\$ 48,609		\$ 37,778	\$ 44,426	\$ 632	\$ 58,017	\$ 58,649
AISC, After By-product Credits	\$ 32,404	\$ 56,258	\$ 88,662	\$ 34,214	\$ 47,092	\$ 81,306	\$ 26,180	\$ 65,661	\$ 91,841
Divided by ounces produced	3,217	37		2,669	33		3,471	46	
Cash Cost, Before By-product Credits, per Ounce	\$ 22.28	\$ 1,148		\$ 25.93	1,168		\$ 20.76	\$ 1,282	
By-product credits per ounce	(20.59)	(5)		(23.44)	(5)		(20.58)	(28)	
Cash Cost, After By-product Credits, per Ounce	\$ 1.69	\$ 1,143		\$ 2.49	\$ 1,163		\$ 0.18	\$ 1,254	
AISC, Before By-product Credits, per Ounce	\$ 30.67	\$ 1,499		\$ 36.26	\$ 1,455		\$ 28.12	\$ 1,447	
By-product credits per ounce	(20.59)	(5)		(23.44)	(5)		(20.58)	(28)	
AISC, After By-product Credits, per Ounce	\$ 10.08	\$ 1,494		\$ 12.82	\$ 1,450		\$ 7.54	\$ 1,419	

- (1) Includes all direct and indirect operating costs related to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, on-site general and administrative costs, royalties, before by-product revenues earned from all metals other than the primary metal produced at each unit. AISC, Before By-product Credits also includes on-site exploration, reclamation, and sustaining capital costs.
- (2) Mining at San Sebastian was completed in the third quarter of 2020, and milling was completed in the fourth quarter of 2020. Care and maintenance costs at San Sebastian totaling \$1.4 million for the first half of 2021 are reported in a separate line item on our consolidated statements of operations and excluded from the calculations of cost of sales and other direct production costs and depreciation, depletion and amortization, Cash Cost, Before By-product Credits, Cash Cost, After By-product Credits, AISC, Before By-product Credits, and AISC, After By-product Credits.
- (3) AISC, Before By-product Credits for our consolidated silver properties includes corporate costs for general and administrative expense, exploration and sustaining capital.
- (4) Production was suspended at the Hollister and Midas mines and Aurora mill in the latter part of 2019. Care and maintenance at Nevada Operations totaling \$5.2 million and \$2.7 million for the second quarter of 2022 and 2021, respectively, (\$8.8 million and \$6.7 million for the first halves of 2022 and 2021) are reported in a separate line item on our consolidated statements of operations and excluded from the calculations of cost of sales and other direct production costs and depreciation, depletion and amortization, Cash Cost, Before By-product Credits, Cash Cost, After By-product Credits, AISC, Before By-product Credits.

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2022 Guidance, Previous Estimates: Reconciliation of Cost of Sales to Non-GAAP Measures, continued

In thousands (except per ounce amounts)		Pre	eviou	ıs Estimate	for	Twelve Month	ns E	nded Decen	nbe	r 31, 2022		
		Greens Creek	Lu	cky Friday		Other ⁽²⁾	To	otal Silver		Casa Berardi	Tot	al Gold
Total cost of sales	\$	230,000	\$	115,000			\$	345,000	¢	210,000	\$ 3	210,000
Depreciation, depletion and amortization	Ψ	(47,900)	Ψ	(39,150)			Ψ	(87,050)	Ψ	(58,250)	-	(58,250)
Treatment costs		34,750		15,650				50,400		500		500
Change in product inventory		(1,500)		(1,500)				(3,000)		1,300		1,300
Reclamation and other costs		500		1,300				1,800		1,200		1,200
Cash Cost, Before By-product Credits (1)		215,850		91,300				307,150		154,750	1	154,750
Reclamation and other costs		3,400		1,000				4,400		900		900
Exploration		4,900		_		3,000		7,900		5,300		5,300
Sustaining capital		40,200		28,900				69,100		30,700		30,700
General and administrative					_	38,000		38,000	_			
AISC, Before By-product Credits (1)		264,350		121,200		41,000		426,550		191,650	1	191,650
By-product credits:												
Zinc		(111,640)		(29,360)				(141,000)		_		_
Gold		(66,100)		_				(66,100)		_		_
Lead		(29,601)		(58,375)				(87,976)				_
Silver					_				_	(730)	_	(730)
Total By-product credits		(207,341)		(87,735)				(295,076)	_	(730)		(730)
Cash Cost, After By-product Credits	\$	8,509	\$	3,565	\$	<u> </u>	\$	12,074	\$	154,020	\$ 1	54,020
AISC, After By-product Credits	\$	57,009	\$	33,465	\$	41,000	\$	131,474	\$	190,920	\$ 1	90,920
Divided by silver ounces produced Cash Cost, Before By-product Credits, per Silver		8,750		4,450				13,200		128.5		128.5
Ounce	\$	24.67	\$	20.52			\$	23.27	\$	1,204	\$	1,204
By-product credits per silver ounce		(23.70)		(19.72)				(22.35)		(6)		(6)
Cash Cost, After By-product Credits, per Silver Ounce	\$	0.97	\$	0.80			\$	0.92	\$	1,198	\$	1,198
AISC, Before By-product Credits, per Silver Ounce	\$	30.21	\$	27.24			\$	32.31	\$	1,491	\$	1,491
By-product credits per silver ounce		(23.70)		(19.72)				(22.35)		(6)		(6)
AISC, After By-product Credits, per Silver Ounce	\$	6.51	\$	7.52			\$	9.96	\$	1,485	\$	1,485

2022 Guidance, Current Estimates: Reconciliation of Cost of Sales to Non-GAAP Measures, continued

In thousands (except per ounce amounts)		Сι	ırren	t Estimate f	or T	welve Month	s En	ided Decem	ber	31, 2022		
		Greens Creek	Luc	cky Friday		Other(2)	To	otal Silver		Casa Berardi	То	tal Gold
T. I	•	005.000	•	105.000			•	000 000	•	245 000	•	0.45.000
Total cost of sales	\$	235,000	\$	125,000			\$	360,000		245,000		245,000
Depreciation, depletion and amortization		(52,000)		(38,750)				(90,750)		(69,400)		(69,400)
Treatment costs		37,500		16,800				54,300		900		900
Change in product inventory		(3,500)		(4,725)				(8,225)		3,300		3,300
Reclamation and other costs		500		1,100				1,600		1,500	_	1,500
Cash Cost, Before By-product Credits (1)		217,500		99,425				316,925		181,300	•	181,300
Reclamation and other costs		2,800		1,100				3,900		800		800
Exploration		5,600		_		3,000		8,600		6,500		6,500
Sustaining capital		45,225		34,500				79,725		43,750		43,750
General and administrative						38,000		38,000		_	_	
AISC, Before By-product Credits (1)		271,125		135,025		41,000		447,150	2	232,350	2	232,350
By-product credits:												
Zinc		(116,000)		(28,200)				(144,200)		_		_
Gold		(69,200)		_				(69,200)		_		_
Lead		(30,900)		(56,900)				(87,800)		_		_
Silver		_								(730)	_	(730)
Total By-product credits		(216,100)	_	(85,100)				(301,200)		(730)	_	(730)
Cash Cost, After By-product Credits	\$	1,400	\$ 	14,325	\$	_	\$	15,725	\$	180,570	\$	180,570
AISC, After By-product Credits	\$	55,025	\$	49,925	\$	41,000	\$	145,950	\$ 2	231,620	\$ 2	231,620
Divided by silver ounces produced Cash Cost, Before By-product Credits, per Silver		8,750		4,450				13,200		131.5		131.5
Ounce	\$	24.86	\$	22.34			\$	24.01	\$	1,379	\$	1,379
By-product credits per silver ounce		(24.70)		(19.12)				(22.82)		(6)		(6)
Cash Cost, After By-product Credits, per Silver Ounce	\$	0.16	\$	3.22			\$	1.19	\$	1,373	\$	1,373
AISC, Before By-product Credits, per Silver Ounce	 - \$	30.99	\$	30.34			\$	33.88	\$	1,767	\$	1,767
By-product credits per silver ounce	_	(24.70)	7	(19.12)			7	(22.82)	·	(6)	_	(6)
AISC, After By-product Credits, per Silver Ounce	\$	6.29	•	11.22			•	11.06	•	1,761	•	1,761

⁽¹⁾ Includes all direct and indirect operating costs related to the physical activities of producing metals, including mining, processing and other plant costs, third-party refining and marketing expense, non-discretionary on-site general and administrative costs, royalties and mining production taxes, before by-product revenues earned from all metals other than the primary metal produced at each operation. AISC, Before By-product Credits also includes on-site exploration, reclamation, and sustaining capital costs.

⁽²⁾ AISC, Before By-product Credits for our consolidated silver properties includes non-discretionary corporate costs for general and administrative expense, exploration and sustaining capital.

Reconciliation of Net (Loss) Income Applicable to Common Shareholders (GAAP) to Adjusted Net (Loss) Income Applicable to Common Stockholders (non-GAAP)

This release refers to a non-GAAP measure of adjusted net income (loss) applicable to common stockholders and adjusted net income (loss) per share, which are indicators of our performance. They exclude certain impacts which are of a nature which we believe are not reflective of our underlying performance. Management believes that adjusted net income (loss) per common share provides investors with the ability to better evaluate our underlying operating performance.

							_
Dollars are in thousands	Q2 -2022	Q1-2022	Q4 -2021	Q3 -2021	Q2 -2021	YTD - 2022	YTD-2021
Net (loss) income applicable to common stockholders (GAAP)	(13,661)	\$ 4,015	11,737	(1,117)	2,610	\$ (9,646	23,923
Adjusted for items below:						_	
Derivative contracts losses (gains)	689	204	25,840	(16,053)	17,313	893	16,840
Provisional pricing losses (gains)	15,807	(968)	(5,648)	(72)	(3,077)	14,839	(3,629)
Unrealized losses (gains) on equity investments	15,739	(6,100)	(2,822)	2,861	750	9,639	4,256
Environmental accruals	_	14	_	_	_	14	2,882
Foreign exchange (gain) loss	(4,482)	2,038	(393)	(3,995)	1,907	(2,444	3,971
Care and maintenance costs	5,242	6,205	5,998	6,910	5,786	11,447	10,104
Loss (gain)on disposition of properties, plants, equipment and mineral interests	5	(8)	326	(390)	143	(3	152
Adjustments of inventory to net realizable value	754			93	6,242	754	6,431
Adjusted income (loss) applicable to common							
stockholders	\$ 20,093	\$ 5,400	\$ 35,038	\$ (11,763)	\$ 31,674	\$ 25,493	\$ 64,930
Weighted average shares - basic	539,401	538,490	538,124	536,966	535,531	538,943	534,819
Weighted average shares - diluted	539,401	544,061	543,134	536,966	542,262	539,401	541,468
Basic adjusted net income (loss) per common stock (in cents)	0.04	0.01	0.07	(0.02)	0.06	0.05	0.12
Diluted adjusted net income (loss) per common stock (in cents)	0.04	0.01	0.06	(0.02)	0.06	0.05	0.12

Reconciliation of Net Income (Loss) (GAAP) and Debt (GAAP) to Adjusted EBITDA (non-GAAP) and Net Debt (non-GAAP)

This release refers to the non-GAAP measures of adjusted earnings before interest, taxes, depreciation and amortization ("Adjusted EBITDA"), which is a measure of our operating performance, and net debt to adjusted EBITDA for the last 12 months (or "LTM adjusted EBITDA"), which is a measure of our ability to service our debt. Adjusted EBITDA is calculated as net income (loss) before the following items: interest expense, income tax provision, depreciation, depletion, and amortization expense, acquisition costs, foreign exchange gains and losses, gains and losses on derivative contracts, ramp-up and suspension costs, provisional price gains and losses, stock-based compensation, unrealized losses and gains on investments, provisions for closed operations, and interest and other income (expense). Net debt is calculated as total debt, which consists of the liability balances for our Senior Notes, revolving credit facility and finance leases, less the total of our cash and cash equivalents. Management believes that, when presented in conjunction with comparable GAAP measures, Adjusted EBITDA and net debt to LTM adjusted EBITDA are useful to investors in evaluating our operating performance and ability to meet our debt obligations. The following table reconciles net loss and debt to Adjusted EBITDA and net debt:

Dollars are in thousands	Q2 -2022	Q1-2022	Q4 -2021	Q3 -2021	Q2 -2021	LTM 6/30/2022	FY 2021
Net income (loss)	(13,523)		11,875	(979)	2,748	1,526	35,095
Interest expense	10,505	10,406	10,461	10,469	10,271	41,841	41,945
Income and mining tax provision (benefit)	254	5,631	(25,645)	(4,533)	(4,134)	(24,293)	(29,569)
Depreciation, depletion and amortization	38,072	35,298	32,875	45,790	46,059	152,035	171,793
Foreign exchange (gain) loss	(4,482)	2,038	(393)	(3,995)	1,907	(6,832)	(417)
Loss/(gain) on undesignated derivative							
contracts	689	204	25,840	(16,053)	13,078	10,680	11,903
Care and maintenance costs	5,242	6,205	5,998	6,910	5,786	24,355	23,012
Provisional price losses (gains)	15,807	(968)	(5,648)	(72)	(3,077)	9,119	(9,349)
Loss (gain) on disposition of properties, plants,							
equipment and mineral interests	5	(8)	326	(390)	143	(67)	87
Stock-based compensation	1,254	1,271	1,307	1,472	2,802	5,304	6,081
Provision for closed operations and							
environmental matters	1,628	1,643	3,693	8,088	1,654	15,052	17,964
Unrealized loss (gain) on investments	15,739	(6,100)	(2,822)	2,861	750	9,678	4,295
Adjustments of inventory to net realizable value	754	_	_	93	6,242	847	6,524
Other	(1,470)	(1,571)	382	(247)	278	(2,906)	(584)
Adjusted EBITDA	\$ 70,474	\$ 58,202	58,249	49,414	84,507	\$ 236,339	\$ 278,780
Total debt						534,575	\$ 521,483
Less: Cash and cash equivalents						\$ 198,193	\$ 210,010
Net debt						\$ 336,382	\$ 311,473
Net debt/LTM adjusted EBITDA (non-GAAP)						1.4	1.1

Reconciliation of Cash Provided by Operating Activities (GAAP) to Free Cash Flow (non-GAAP)

This release refers to a non-GAAP measure of free cash flow, calculated as cash provided by operating activities, less additions to properties, plants, equipment and mineral interests. Management believes that, when presented in conjunction with comparable GAAP measures, free cash flow is useful to investors in evaluating our operating performance. The following table reconciles cash provided by operating activities to free cash flow:

Dollars are in thousands	Three Mor June		Six Montl June	nded
	2022	2021	2022	 2021
Cash provided by operating activities	\$ 40,183	\$ 86,304	\$ 78,092	\$ 124,240
Less: Additions to properties, plants equipment and mineral interests	(34,329)	(31,898)	(55,807)	 (53,311)
Free cash flow	\$ 5,854	\$ 54,406	\$ 22,285	\$ 70,929

Table A – Assay Results – Q2 2022

Greens Creek (Alaska)

Zone Zone	Drillhole Number	Drillhole Azm/Dip	Sample From (feet)	Sample To (feet)	Est. True Width (feet)	Silver (oz/ton)	Gold (oz/ton)	Zinc (%)	Lead (%)	Depth From Mine Portal (feet)
Southwest Bench	GC5670	348.1 / -41.8	42.5	43.5	0.9	21.5	0.07	18.0	10.5	-593
Southwest Bench	GC5673	311 / -46	45.5	56.5	7.5	16.9	0.09	5.2	2.7	-628
Southwest Bench	GC5673	311 / -46	67.0	68.0	0.7	8.2	0.02	5.2	6.7	-628
Southwest Bench	GC5673	311 / -46	78.7	79.7	0.7	19.4	0.01	21.5	13.5	-628
Southwest Bench	GC5678	243.4 / -28.7	193.0	206.3	3.8	25.9	0.13	10.2	4.6	-663
Southwest Bench	GC5682	223.8 / -36.2	207.0	208.6	1.2	21.6	0.04	8.9	5.0	-687
Southwest Bench	GC5684	243.5 / -90	188.0	195.5	7.4	42.7	0.09	18.8	8.9	-655
Southwest Bench	GC5685	243.5 / -68.5	224.0	227.0	1.5	17.1	0.12	2.0	1.3	-672
Southwest Bench	GC5686	263.5 / -53.4	300.5	302.0	0.1	31.0	0.07	6.3	3.6	-705
Southwest Bench	GC5688	295.2 / -71.3	193.0	194.7	1.4	33.4	0.17	4.8	2.8	-647
Southwest Bench	GC5689	279.2 / -49.6	294.3	295.7	0.7	31.7	0.04	12.1	6.5	-686
Southwest Bench	GC5706	63.4 / -60.6	183.2	184.2	1.0	24.4	0.08	9.8	5.0	-620
Southwest Bench	GC5706	63.4 / -60.6	198.2	200.5	2.2	33.6	0.03	27.3	15.3	-634
200 South	GC5639	246 / -36.8	178.5	204.5	6.7	16.0	0.01	1.4	0.7	-1403
200 South	GC5639	246 / -36.8	328.1	330.1	0.5	12.6	0.02	1.9	0.9	-1491
200 South	GC5645	251.8 / -9.4	57.7	60.0	2.2	5.0	0.02	4.8	2.5	-1299
200 South	GC5651	236 / -82	176.7	178.5	1.6	10.7	0.01	9.1	3.6	-1457
200 South	GC5651	236 / -82	314.7	320.0	3.7	8.2	0.03	3.6	2.2	-1595
200 South	GC5651	236 / -82	432.4	465.1	22.9	32.5	0.03	1.6	0.7	-1730
200 South	GC5651	236 / -82	626.1	634.0	7.2	83.2	0.12	3.1	1.7	-1902
200 South	GC5651	236 / -82	647.0	655.0	7.3	10.9	0.14	0.3	0.4	-1909
200 South	GC5657	236 / -73	198.1	208.5	8.8	28.0	0.01	3.5	2.0	-1473
200 South	GC5657	236 / -73	432.0	435.0	2.8	9.2	0.03	4.3	1.7	-1696
200 South	GC5657	236 / -73	656.5	690.0	32.8	22.1	0.14	1.0	0.4	-1922
200 South	GC5659	243.5 / -52	410.7	411.7	0.7	12.9	0.02	0.2	0.1	-1612
200 South	GC5659	243.5 / -52	548.0	550.0	1.8	11.5	0.09	0.8	0.3	-1719
200 South	GC5659	243.5 / -52	552.7	553.7	0.9	13.4	0.02	1.6	1.9	-1720
200 South	GC5662	223.5 / -72.4	196.8	220.8	24.0	15.0	0.01	2.6	1.1	-1485
200 South	GC5662	223.5 / -72.4	308.1	319.0	4.5	12.1	0.01	1.7	0.9	-1582
200 South	GC5662	223.5 / -72.4	326.8	328.8	1.4	23.3	0.04	1.2	0.3	-1594
200 South	GC5662	223.5 / -72.4	677.6	682.3	4.6	37.0	0.05	1.5	0.7	-1930
200 South	GC5662	223.5 / -72.4	707.3	712.3	4.9	9.0	0.08	0.7	0.3	-1958
200 South	GC5666	206.2 / -81.9	169.5	172.8	3.3	39.8	0.02	13.9	7.0	-1446
200 South	GC5666	206.2 / -81.9	310.5	317.7	5.9	12.5	0.12	3.0	1.3	-1592
200 South	GC5666	206.2 / -81.9	453.0	481.0	21.3	15.8	0.03	1.5	0.6	-1735
200 South	GC5666	206.2 / -81.9	655.5	665.5	9.0	17.0	0.07	0.9	0.4	-1931
200 South	GC5679	216.3 / -16.1	239.0	242.0	2.9	16.5	0.01	1.0	0.4	-1348

200 South GC590 263.68/-32.56 180.8 210.0 24.5 11.3 0.05 6.7 4.2 -1397 200 South GC5701 266/-45.4 72.9 88.8 12.4 42.5 0.03 82 4.1 -1343 200 South GC5701 266/-45.4 222.6 24.3 16.1 8.6 0.01 3.8 1.8 -1453 200 South GC5701 266/-45.4 275.3 277.3 2.0 0.5 0.26 0.2 0.1 -1487 200 South GC5703 250.8/-70.8 63.5 72.0 8.4 20.1 0.05 13.9 6.5 -1347 200 South GC5703 250.8/-70.8 374.0 375.0 1.0 7.2 0.01 3.9 1.8 -1640 200 South GC5703 250.8/-70.8 374.0 375.0 1.0 7.2 0.01 3.9 1.8 -1640 200 South GC5703 250.8/-70.8 573.0 375.0 4.3 6.7 0.12 0.4 0.1 -1994 200 South GC5703 250.8/-70.8 730.0 735.0 4.3 6.7 0.12 0.4 0.1 -1994 200 South GC5703 250.8/-70.8 730.0 735.0 4.3 6.7 0.12 0.4 0.1 -1994 200 South GC5703 250.8/-70.8 730.0 735.0 4.3 6.7 0.12 0.4 0.1 -1994 200 South GC5703 56/-6.3 381.0 384.0 2.8 10.0 0.14 11.7 4.2 595 268	200 South	GC5690	263.68 / -32.56	86.2	88.0	1.7	34.8	0.04	13.1	6.5	-1335
200 South GC5701 266 -45.4 72.9 85.8 12.4 42.5 0.03 8.2 4.1 -1343 200 South GC5701 266 -45.4 22.6 243.0 16.1 8.6 0.01 3.8 1.8 -1453 200 South GC5703 250.8 -70.8 63.5 72.0 8.4 20.1 0.05 13.9 6.5 -1347 200 South GC5703 250.8 -70.8 341.0 357.0 4.1 11.0 0.06 8.6 4.7 -1612 200 South GC5703 250.8 -70.8 341.0 357.0 4.1 11.0 0.06 8.6 4.7 -1612 200 South GC5703 250.8 -70.8 374.0 378.0 1.0 7.2 0.01 3.9 1.8 -1614 0.200 South GC5703 250.8 -70.8 511.5 512.7 1.2 10.8 0.02 23.0 10.0 -1770 200 South GC5703 250.8 -70.8 375.0								0.05			
200 South GC5701 266 / 45.4 222.6 243.0 16.1 8.6 0.01 3.8 1.8 -1453											
200 South GC5703 250.81-70.8 63.5 72.0 8.4 20.1 0.05 13.9 6.5 -1347		1									
200 South GC5703 250.81-70.8 63.5 72.0 8.4 20.1 0.05 13.9 6.5 -1347	200 South	GC5701	266 / -45.4	275.3	277.3	2.0	0.5	0.26	0.2	0.1	-1487
200 South GC5703 250.8 7-70.8 374.0 378.0 1.0 7.2 0.01 3.9 1.8 -1640	200 South	GC5703		63.5	72.0	8.4	20.1	0.05	13.9	6.5	-1347
200 South GC5703 250.8 / -70.8 511.5 512.7 1.2 10.8 0.02 23.0 10.0 -1770	200 South	GC5703	250.8 / -70.8	341.0	357.0	4.1	11.0	0.06	8.6	4.7	-1612
200 South GC5703 250.8 / -70.8 511.5 512.7 1.2 10.8 0.02 23.0 10.0 -1770	200 South	GC5703	250.8 / -70.8	374.0	378.0	1.0	7.2	0.01	3.9	1.8	-1640
200 South GC5703 250.8 / -70.8 730.0 735.0 4.3 6.7 0.12 0.4 0.1 -1964						1.2	10.8	0.02		10.0	
East GC5716 63.4/-7.9 375.0 379.0 3.9 8.6 0.15 16.7 4.9 590 East GC5716 63.4/-7.9 385.5 386.5 1.0 5.7 0.13 28.2 7.8 588 East GC5716 63.4/-7.9 393.0 394.0 1.0 429.0 1.38 6.4 1.7 587 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.02 13.0 5.3 -200 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 184.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5664 133.1/-45.9 96.4 97.7 0.9 9.4 0.03 19.4 9.1 -124 West GC5667 60/0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60/0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60/0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60/0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60/0.4 155.0 156.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60/0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5696 63.4/28.5 59.0 60.0 9.9 13.5 0.04 17.9 8.1 -150 West GC5696 63.4/28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 86.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.0 0.7 10.0 0.0 11.4 7.7 7.5 -152 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7	200 South	GC5703		730.0	735.0	4.3	6.7	0.12	0.4	0.1	-1964
East GC5716 63.4/-7.9 375.0 379.0 3.9 8.6 0.15 16.7 4.9 590 East GC5716 63.4/-7.9 385.5 386.5 1.0 5.7 0.13 28.2 7.8 588 East GC5716 63.4/-7.9 393.0 394.0 1.0 429.0 1.38 6.4 1.7 587 West GC5660 194.1/-52.6 179.5 185.1 5.4 13.4 0.02 13.0 5.3 -200 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 148.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5664 133.1/-45.9 96.4 97.7 0.9 9.4 0.03 19.4 9.1 -124 West GC5667 60/0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60/0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60/0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60/0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60/0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60/0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5696 63.4/28.5 59.0 60.0 0.9 13.5 0.04 17.9 8.1 -150 West GC5696 63.4/28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5696 51.9/9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -166 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 29.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 31.9 5.5 5.0 5.6 5.5 5.5 184 West GC5707 52.6/6.9 11.9 1.9 123.2 2.6 8	East	GC5709	56 / -6.3	381.0	384.0	2.8	10.0	0.14	11.7	4.2	595
East GC5716 63.4/-7.9 385.5 386.5 1.0 5.7 0.13 28.2 7.8 588 East GC5716 63.4/-7.9 393.0 394.0 1.0 429.0 1.38 6.4 1.7 587 West GC5660 194.1/-52.6 179.5 185.1 5.4 13.4 0.02 13.0 5.3 -200 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 148.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5664 133.1/-45.9 96.4 97.7 0.9 9.4 0.03 19.4 9.1 -124 West GC5667 60/0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 179 West GC5687 60/0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60/0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60/0.4 137.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60/0.4 155.0 156.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60/0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5687 60/0.4 252.8 254.0 1.1 8.8 0.15 21.4 3.9 -174 West GC5696 63.4/28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9/9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 168.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 168.9 159.0 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 168.9 159.0 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9/9.3 168.8 9.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 9.2 3.9 -167 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 9.3 3.5 1.3 -169 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -132 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 3.1 1.9 5.3 -165 West GC5698 51.9/9.3 12.3 26.8 8.6 0.02 8.1 3.1 -169 West GC5707 52.6/6.9 11.9 1.9 123.2 26.8 8.6 0.02 8.1 3.1 -169 Wes		GC5716		375.0	379.0		8.6	0.15	16.7	4.9	590
East GC5716 63.4/-7.9 393.0 394.0 1.0 429.0 1.38 6.4 1.7 587 West GC5660 194.1/-52.6 179.5 185.1 5.4 13.4 0.02 13.0 5.3 -200 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 148.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5667 60 / 0.4 31.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 <td>East</td> <td>GC5716</td> <td></td> <td>385.5</td> <td>386.5</td> <td>1.0</td> <td>5.7</td> <td>0.13</td> <td>28.2</td> <td>7.8</td> <td>588</td>	East	GC5716		385.5	386.5	1.0	5.7	0.13	28.2	7.8	588
West GC5660 194.1/-52.6 179.5 185.1 5.4 13.4 0.02 13.0 5.3 -200 West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 148.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5667 60.70.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8		GC5716		393.0	394.0		429.0	1.38	6.4	1.7	587
West GC5660 194.1/-52.6 191.4 192.4 1.0 33.8 0.08 0.7 0.3 -201 West GC5663 148.9/-59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5667 60 / 0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8		GC5660		179.5	185.1		13.4	0.02	13.0	5.3	-200
West GC5663 148.9 / -59.5 130.0 131.0 0.5 10.6 0.10 17.1 6.3 -163 West GC5664 133.1 / -45.9 96.4 97.7 0.9 9.4 0.03 19.4 9.1 -124 West GC5687 60 / 0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8		GC5660		191.4	192.4		33.8	0.08	0.7	0.3	-201
West GC5664 133.1 / -45.9 96.4 97.7 0.9 9.4 0.03 19.4 9.1 -124 West GC5687 60 / 0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 155.0 156.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8		1									
West GC5687 60 / 0.4 81.2 92.0 9.5 11.3 0.26 18.1 7.8 -179 West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8 0.15 21.4 3.9 -174 West GC5696 63.4 / 28.5 59.0 60.0 0.9 13.5		GC5664		96.4	97.7		9.4	0.03	19.4	9.1	-124
West GC5687 60 / 0.4 131.5 133.2 1.7 179.6 0.73 1.1 1.0 -178 West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 155.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5696 60 / 0.4 252.8 254.0 1.1 8.8 0.15 21.4 3.9 -174 West GC5696 63.4 / 28.5 59.0 60.0 0.9 13.5 0.04 17.0 7.9 -146 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6		GC5687		81.2	92.0		11.3	0.26	18.1	7.8	-179
West GC5687 60 / 0.4 135.5 139.8 4.2 205.1 0.38 18.8 9.7 -178 West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8 0.15 21.4 3.9 -174 West GC5696 63.4 / 28.5 59.0 60.0 0.9 13.5 0.04 17.9 8.1 -150 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9 / 9.3 35.9 97.8 7.1 8.8		GC5687		131.5	133.2		179.6	0.73	1.1	1.0	-178
West GC5687 60 / 0.4 147.7 148.7 1.0 24.6 0.03 29.8 13.4 -178 West GC5687 60 / 0.4 152.0 153.0 1.0 17.1 0.26 18.4 8.3 -178 West GC5687 60 / 0.4 155.0 156.0 1.0 3.1 0.24 14.7 6.4 -177 West GC5687 60 / 0.4 252.8 254.0 1.1 8.8 0.15 21.4 3.9 -174 West GC5696 63.4 / 28.5 59.0 60.0 0.9 13.5 0.04 17.9 8.1 -150 West GC5696 63.4 / 28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9 / 9.3 36.9 97.8 7.1 8.8											
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West GC5696 63.4 / 28.5 59.0 60.0 0.9 13.5 0.04 17.9 8.1 -150 West GC5696 63.4 / 28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9 / 9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9 / 9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9 / 9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60 / 8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60 / 8.9 159.0 161.0 1.9 6.5	West	GC5687	60 / 0.4			1.0	3.1	0.24	14.7	6.4	
West GC5696 63.4 / 28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9 / 9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9 / 9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5698 51.9 / 9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60 / 8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60 / 8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6 / 6.9 8.1 10.2 1.5 13.3	West	GC5687	60 / 0.4	252.8	254.0	1.1	8.8	0.15	21.4	3.9	-174
West GC5696 63.4 / 28.5 66.5 68.0 1.4 10.8 0.05 17.0 7.9 -146 West GC5696 63.4 / 28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9 / 9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9 / 9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -152 West GC5698 51.9 / 9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60 / 8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60 / 8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9	West	GC5696	63.4 / 28.5	59.0	60.0	0.9	13.5	0.04	17.9	8.1	-150
West GC5696 63.4/28.5 69.5 70.5 0.9 4.6 0.04 20.4 10.0 -144 West GC5698 51.9/9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60/8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60/8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6/6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6/6.9 101.0 104.2 2.6 6.8 0.02 <td>West</td> <td>GC5696</td> <td></td> <td>66.5</td> <td>68.0</td> <td>1.4</td> <td>10.8</td> <td>0.05</td> <td>17.0</td> <td>7.9</td> <td>-146</td>	West	GC5696		66.5	68.0	1.4	10.8	0.05	17.0	7.9	-146
West GC5698 51.9/9.3 85.9 97.8 7.1 8.8 0.07 11.2 5.0 -165 West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60/8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60/8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6/6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6/6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6/6.9 101.0 104.2 2.6 6.8 0.02	West	GC5696		69.5	70.5	0.9	4.6	0.04	20.4	10.0	-144
West GC5698 51.9/9.3 146.8 159.2 7.4 4.0 0.01 14.7 7.5 -152 West GC5698 51.9/9.3 268.9 269.9 0.7 11.6 0.03 11.9 5.3 -132 West GC5702 60/8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60/8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6/6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6/6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6/6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6/6.9 119.9 123.2 2.6 8.6 0.02							8.8	0.07	11.2		
West GC5702 60 / 8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60 / 8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6 / 6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4		1									
West GC5702 60 / 8.9 74.0 90.0 14.9 9.6 0.07 9.2 3.9 -167 West GC5702 60 / 8.9 159.0 161.0 1.9 6.5 0.02 20.2 10.1 -168 West GC5707 52.6 / 6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4	West	GC5698	51.9 / 9.3	268.9	269.9	0.7	11.6	0.03	11.9	5.3	-132
West GC5707 52.6 / 6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9	West	GC5702	60 / 8.9	74.0	90.0	14.9	9.6	0.07	9.2	3.9	-167
West GC5707 52.6 / 6.9 8.1 10.2 1.5 13.3 0.02 28.5 15.5 -184 West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9	West	GC5702	60 / 8.9	159.0	161.0	1.9	6.5	0.02	20.2	10.1	-168
West GC5707 52.6 / 6.9 87.8 94.2 5.1 84.9 0.45 7.6 4.5 -174 West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7	West					1.5		0.02	28.5		
West GC5707 52.6 / 6.9 101.0 104.2 2.6 6.8 0.02 3.8 2.6 -172 West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 <	West	GC5707	52.6 / 6.9	87.8	94.2		84.9	0.45	7.6	4.5	-174
West GC5707 52.6 / 6.9 119.9 123.2 2.6 8.6 0.02 8.1 3.1 -169 West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147	West	GC5707		101.0	104.2	2.6	6.8	0.02	3.8	2.6	-172
West GC5714 110.9 / -47.5 0.0 1.0 1.0 1.2 0.01 12.4 7.0 -188 West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147		GC5707		119.9	123.2		8.6	0.02	8.1	3.1	-169
West GC5714 110.9 / -47.5 29.0 86.2 57.1 50.4 0.30 14.4 7.6 -228 West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147	West	GC5714		0.0	1.0	1.0	1.2	0.01	12.4	7.0	-188
West GC5721 119.3 / 8 153.5 160.0 4.5 12.0 0.07 6.6 3.1 -163 9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147											
9A GC5632 243 / 44 286.0 292.0 5.8 7.9 0.01 4.9 2.0 -31 9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147											
9A GC5647 38.3 / -30.1 0.0 3.0 3.0 15.5 0.05 6.0 5.7 -146 9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147											
9A GC5647 38.3 / -30.1 9.0 21.1 11.9 14.7 0.09 12.0 5.9 -147	9A										-146
	9A										-147
		GC5647	38.3 / -30.1	32.4	47.0	14.4	54.4	0.32	16.5	8.8	-159

9A	GC5650	63.3 / -34	0.0	5.6	5.6	9.4	0.04	8.4	5.1	-144
9A	GC5650	63.3 / -34	24.1	27.7	3.6	20.6	0.19	0.9	0.5	-158
9A	GC5650	63.3 / -34	41.4	43.4	2.0	25.5	0.05	15.0	7.3	-166
9A	GC5653	63.4 / -28	218.6	228.0	4.0	70.0	0.08	10.6	5.7	-538
9A	GC5655	63.4 / 6.3	37.8	38.8	1.0	1.0	0.01	2.3	7.0	-129
9A	GC5655	63.4 / 6.3	124.6	139.0	14.3	55.3	1.30	16.9	9.1	-120
9A	GC5655	63.4 / 6.3	176.5	179.0	1.9	10.2	0.07	13.8	2.2	-117
9A	GC5655	63.4 / 6.3	182.4	230.0	16.3	11.7	0.15	16.1	7.5	-116
9A	GC5656	63.4 / -8.5	146.5	150.0	3.1	6.8	0.03	17.2	7.4	-161
9A	GC5656	63.4 / -8.5	155.5	174.0	7.0	15.9	0.05	21.5	10.6	-165
9A	GC5656	63.4 / -8.5	189.1	197.4	3.5	5.7	0.25	21.1	5.5	-170
9A	GC5656	63.4 / -8.5	220.8	221.8	1.0	17.7	0.06	2.7	2.0	-175
9A	GC5656	63.4 / -8.5	224.0	230.0	6.0	17.1	0.02	3.0	1.4	-176

Casa Berardi (Quebec)

Zone	Drillhole Number	Drillhole Section	Drillhole Azm/Dip	Sample From (feet)	Sample To (feet)	Est. True Width (feet)	Gold (oz/ton)	Depth From Mine Surface (feet)
118 Zone	CBP-1170	12260	10/-40	310.6	320.5	8.9	0.00	-3797
118 Zone	CBP-1171	12260	10/3	273.9	287.0	13.1	0.01	-3623
118 Zone	CBP-1172	12215	333/-40	343.7	351.9	6.2	0.13	-3809
118 Zone		Including		345.7	349.3	2.6	0.25	-3808
118 Zone	CBP-1173	12270	10/21	372.9	388.0	14.1	0.45	-3474
118 Zone		Including		375.2	377.5	2.0	2.30	-3475
118 Zone	CBP-1174	12225	346/20	412.3	418.9	5.9	0.09	-3705
118 Zone	CBP-1177	11670	330/21	539.6	552.4	10.5	0.02	3435
118 Zone	CBP-1178	12140	318/3	531.0	550.1	19.0	0.03	3592
118 Zone	CBW-1169	10050	346/42	602.9	619.9	9.8	0.06	-3576
118 Zone	CBW-1169	10090	346/42	777.4	789.2	8.2	0.03	-3678
118 Zone	CBW-1170	11630	346/37	580.6	598.3	11.8	0.08	-3540
118 Zone	CBW-1170	11630	346/37	722.3	736.7	13.1	0.03	-3616
118 Zone	CBW-1170	11625	346/37	797.7	812.5	8.2	0.06	-3657
118 Zone		Including		802.6	807.5	3.3	0.16	-3657
118 Zone	CBW-1172	11580	337/-43	649.4	659.3	9.2	0.05	-3727
118 Zone	CBW-1172	11590	337/-43	826.6	839.0	11.8	0.08	-3619
118 Zone	CBW-1173	11595	338/-24	660.3	670.1	9.2	0.09	-3487
118 Zone	CBW-1173	11590	338/-24	689.8	700.6	10.2	0.07	-3501
118 Zone	CBW-1174	11590	338/14	643.5	656.0	11.5	0.02	-3390
118 Zone	CBW-1174	11575	338/14	737.3	747.8	9.2	0.04	-3421
118 Zone	CBW-1175	11565	332/-38	835.1	845.3	7.9	0.10	3680
118 Zone	CBW-1175	11580	332/-38	664.5	677.0	9.8	0.12	3584
118 Zone	Including			673.1	677.0	3.3	0.23	3586
118 Zone	CBW-1175	11565	332/-38	772.1	791.1	15.1	0.04	3647
118 Zone	CBW-1176	11565	331/-20	684.9	728.2	40.7	0.15	3480
118 Zone		Including		706.8	711.8	4.6	0.28	3481

118 Zene	118 Zone	Including			719.3	724.2	4.6	0.35	3487
118 Zone	-	CBW-1177		355/-40					
118 Zone			l .						
118 Zone			1	1					
118 Zone									
118 Zone Including S83.8 S86.5 2.3 0.19 3496 118 Zone CBW-1178 11635 352/32 738.0 766.9 24.6 0.12 3580 118 Zone Including 742.6 749.8 5.9 0.30 3577 118 Zone CBW-1179 11645 356/-26 790.8 804.9 11.5 0.08 3551 118 Zone CBW-1179 11645 356/-26 790.8 804.9 11.5 0.08 3459 118 Zone CBW-1179 11645 356/-26 790.8 804.9 11.5 0.08 3459 118 Zone CBW-1179 11645 356/-26 708.8 725.5 15.1 0.10 3514 118 Zone CBW-1180 11640 356/-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356/-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1181 11645 356/-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356/-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.00 -775 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 117/15 2111/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-9 765.2 769.5 3.6 0.13 1776 123 Zone CBP-124-011 12870 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBP-124-011 12870 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBP-124-011 12870 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBP-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351/-52 531.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351/-52 531.4 550.7 10.1 0.22 -442 124 Zone CBP-124-018 12830 351/-52 531.4 550.7 10.1 0.22 -425 124 Zone CBP-124-018 12830 356/-56 199.3 1974-2 3.9 0.18 -435 124 Zon		CBW-1178	11635	318/3	582.5	598.6	15.1	0.12	3499
118 Zone	118 Zone		Including		583.8	586.5	2.3	0.19	3496
118 Zone CBW-1179 11645 356l-26 790.8 804.9 11.5 0.08 3551 118 Zone CBW-1179 11645 356l-26 591.4 599.6 6.6 0.08 3459 118 Zone CBW-1179 11645 356l-26 708.8 725.5 15.1 0.10 3514 118 Zone CBW-1180 11640 356l-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356l-16 706.5 732.1 24.6 0.06 3425 118 Zone CBW-1181 11645 356l-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356l-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 898 119 Zone CBP-1153 11780 187l-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1156 11805 1777-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1156 11805 1777-38 342.1 354.9 9.8 0.07 -725 119 Zone CBP-1150 11840 168l-14 663.2 669.4 6.2 0.14 1.000 119 Zone CBP-1161 11810 179l-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1161 112670 360l-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-011 12670 360l-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351l-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351l-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351l-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351l-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351l-52 436.5 338.2 1.2 0.21 -255 124 Zone CBF-124-018 12830 351l-52 436.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 77-56 442.8 578.9 71.1 0.07 417 124 Zone CBF-124-024 12850 77-56 442.8 578.9 71.1 0.07 417 124 Zone CBF-124-024 12850 77-56 442.8 578.9 71.1 0.07 417 124 Zone CBF-124-024 12850 77-56 442.8 578.9 71.1 0.07 417 124 Zone CBF-22-056 12930 4l-54 419.8 425.1 3.8 0.1	118 Zone	CBW-1178	11635	352/-32	738.0	766.9	24.6	0.12	3580
118 Zone CBW-1179 11645 356l-26 591.4 599.6 6.6 0.08 3459 118 Zone CBW-1179 11645 356l-26 708.8 725.5 15.1 0.10 3514 3517 118 Zone CBW-1180 11640 356l-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356l-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356l-16 706.5 732.1 24.6 0.06 3425 118 Zone CBW-1181 11645 356l-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356l-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -698 119 Zone CBP-1153 11780 187l-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204l-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177l-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168l-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1159 11840 168l-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1151 11715 211l-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1151 11810 179l-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 556.0 580.6 18.0 0.13 1276 124 Zone CBP-124-018 12830 351l-52 521.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBP-124-018 12830 351l-52 436.2 460.8 16.8 0.09 -345 124 Zone CBP-124-018 12830 351l-52 436.2 460.8 16.8 0.09 -345 124 Zone CBP-124-018 12830 351l-52 436.2 460.8 16.8 0.09 -345 124 Zone CBP-124-018 12830 351l-52 436.2 460.8 16.8 0.09 -345 124 Zone CBP-124-024 12850 7l-56 442.8 578.9 7l.1 0.07 -417 124 Zone CBP-124-024 12850 7l-56 442.8 578.9 7l.1 0.07 -417 124 Zone CBP-124-024 12850 7l-56	118 Zone		Including	l	742.6	749.8	5.9	0.30	3577
118 Zone CBW-1179 11645 356l-26 708.8 725.5 15.1 0.10 3514 118 Zone Including 718.6 725.5 4.9 0.14 3517 118 Zone CBW-1180 11640 356l-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356l-16 706.5 732.1 24.6 0.06 3425 118 Zone CBW-1181 11645 356l-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356l-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1153 11780 187l-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204l-23 487.1 501.8 12.1 0.01 -724 119 Zone CBP-1156 11805 177l-38 342.1 334.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168l-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211l-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179l-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-124-011 12670 360l-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351l-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 537.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351l-52 531.5 587.1 48.9 0.10 -424 124 Zone CBF-124-02 1710 2l-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-02 1710 2l-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-22-056 12930 4l-54 419.8 425.1 3.8 0.10	118 Zone	CBW-1179	11645	356/-26	790.8	804.9	11.5	0.08	3551
118 Zone	118 Zone	CBW-1179	11645	356/-26	591.4	599.6	6.6	0.08	3459
118 Zone CBW-1180 11640 356/-16 592.0 598.6 6.2 0.09 3384 118 Zone CBW-1180 11640 356/-16 706.5 732.1 24.6 0.06 3425 118 Zone CBW-1181 11645 356/-7 693.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356/-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 688.5 704.2 31.8 0.13 3332 119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 221/-15 522.2 542.2 18.7 0.04	118 Zone	CBW-1179	11645	356/-26	708.8	725.5	15.1	0.10	3514
118 Zone CBW-1180 11640 356/-16 706.5 732.1 24.6 0.06 3425 118 Zone CBW-1181 11645 356/-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356/-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13	118 Zone		Including	•	718.6	725.5	4.9	0.14	3517
118 Zone CBW-1181 11645 356/-7 639.3 647.5 7.5 0.09 3321 118 Zone CBW-1181 11645 356/-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-124-01 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351/-52 551.5 587.1 48.9 0.10 424 124 Zone CBF-124-02 127/0 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-02 12850 7/-56 442.8 578.9 71.1 0.07 4417 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.9 0.18 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 652 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 652 129 Zone C	118 Zone	CBW-1180	11640	356/-16	592.0	598.6	6.2	0.09	3384
118 Zone CBW-1181 11645 356/-7 668.5 704.2 31.8 0.13 3332 119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 551.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 543.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -	118 Zone	CBW-1180	11640	356/-16	706.5	732.1	24.6	0.06	3425
119 Zone CBP-1152 11840 167/0 613.0 623.2 10.2 0.03 -898 119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-024 12850 7/-56 442.8 576.9 71.1 0.07 -417 124 Zone CBF-124-024 12850 7/-56 442.8 576.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -325 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -605 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -605 129 Zone CBS-22-056	118 Zone	CBW-1181	11645	356/-7	639.3	647.5	7.5	0.09	3321
119 Zone CBP-1153 11780 187/-16 531.7 547.4 9.8 0.00 -775 119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone CBP-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.9 0.18 -1557 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.9 0.18	118 Zone	CBW-1181	11645	356/-7	668.5	704.2	31.8	0.13	3332
119 Zone CBP-1154 11750 204/-23 487.1 501.8 12.1 0.01 -754 119 Zone CBP-1156 11805 177/-38 342.1 354.9 9.8 0.07 -724 119 Zone Including 345.7 348.3 2.0 0.32 -725 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 424 124 Zone CBF-124-018 12830 351/-52 556.0 580.6 18.0 0.18 4.34 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 1	119 Zone	CBP-1152	11840	167/0	613.0	623.2	10.2	0.03	-898
119 Zone CBP-1156 11805 177I-38 342.1 354.9 9.8 0.07 -724 119 Zone Including 345.7 348.3 2.0 0.32 -725 119 Zone CBP-1159 11840 168I-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211I-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179I-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40I-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360I-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351I-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351I-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-021 12710 2I-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-022 12710 2I-49 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7I-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4I-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4I-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4I-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4I-54 419.8 425.1 3.8 0.10 -345 132 Zone CBS-22-056 12930 4I-54 419.8 425.1 3.8 0.10 -345 132 Zone CBS-22-056 12930 4I-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4I-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4I-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4I-48 463.1 472.3 6.6 0.09 -353 129 Zone CBS-22-057 12960 4I-48 463.1 472.3 6.6 0.09 -353 129 Zone CBS-22-057 12960 4I-48 463.1 472.3 6.6 0.09 -353 129 Zone CBS-22-057 12960 4I-48 463.1 472.3 6.6 0.09 -353 129 Zone CBS-22-057 12960 4I-48 463.1 472.3 6.6 0.09 -353 129 Zone CBS-22-057 12960	119 Zone	CBP-1153	11780	187/-16	531.7	547.4	9.8	0.00	-775
119 Zone Including 345.7 348.3 2.0 0.32 -725 119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	119 Zone	CBP-1154	11750	204/-23	487.1	501.8	12.1	0.01	-754
119 Zone CBP-1159 11840 168/-14 663.2 669.4 6.2 0.14 -1020 119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270	119 Zone	CBP-1156	11805	177/-38	342.1	354.9	9.8	0.07	-724
119 Zone CBP-1160 11715 211/-15 522.2 542.2 18.7 0.04 -1064 119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone CBF	119 Zone	Including			345.7	348.3	2.0	0.32	-725
119 Zone CBP-1161 11810 179/-29 765.2 769.5 3.6 0.13 1276 123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850	119 Zone	CBP-1159	11840	168/-14	663.2	669.4	6.2	0.14	-1020
123 Zone CBP-1215 12460 40/-57 995.8 1018.4 21.0 0.17 4268 123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-021 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone CBS-22-056 12930 <td< td=""><td>119 Zone</td><td>CBP-1160</td><td>11715</td><td>211/-15</td><td>522.2</td><td>542.2</td><td>18.7</td><td>0.04</td><td>-1064</td></td<>	119 Zone	CBP-1160	11715	211/-15	522.2	542.2	18.7	0.04	-1064
123 Zone Including 995.8 999.1 2.6 0.26 4261 124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3	119 Zone	CBP-1161	11810	179/-29	765.2	769.5	3.6	0.13	1276
124 Zone CBF-124-011 12670 360/-54 153.5 192.9 22.0 0.03 -138 124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 <td< td=""><td>123 Zone</td><td>CBP-1215</td><td>12460</td><td>40/-57</td><td>995.8</td><td>1018.4</td><td>21.0</td><td>0.17</td><td>4268</td></td<>	123 Zone	CBP-1215	12460	40/-57	995.8	1018.4	21.0	0.17	4268
124 Zone CBF-124-018 12830 351/-52 521.5 587.1 48.9 0.10 -424 124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355	123 Zone		Including		995.8	999.1	2.6	0.26	4261
124 Zone Including 556.0 580.6 18.0 0.18 -434 124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-056 12930 4/	124 Zone	CBF-124-011	12670	360/-54	153.5	192.9	22.0	0.03	-138
124 Zone CBF-124-018 12830 351/-52 436.2 460.8 16.8 0.09 -345 124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-	124 Zone	CBF-124-018	12830	351/-52	521.5	587.1	48.9	0.10	-424
124 Zone CBF-124-022 12710 2/-49 316.5 398.5 63.0 0.03 -270 124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-0	124 Zone		Including		556.0	580.6	18.0	0.18	-434
124 Zone Including 336.5 338.2 1.2 0.21 -255 124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057	124 Zone	CBF-124-018	12830	351/-52	436.2	460.8	16.8	0.09	-345
124 Zone CBF-124-024 12850 7/-56 442.8 578.9 71.1 0.07 -417 124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone	CBF-124-022	12710	2/-49	316.5	398.5	63.0	0.03	-270
124 Zone Including 531.4 550.7 10.1 0.22 -442 124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone	Including		336.5	338.2	1.2	0.21	-255	
124 Zone CBS-22-056 12930 4/-54 391.3 403.4 7.1 0.10 -325 124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone	CBF-124-024	12850	7/-56	442.8	578.9	71.1	0.07	-417
124 Zone CBS-22-056 12930 4/-54 419.8 425.1 3.8 0.10 -345 134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone Including 747.8 750.8 2.3 0.48 -605 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone		Including		531.4	550.7	10.1	0.22	-442
134 Zone CBS-22-058 13460 355/-65 1969.3 1974.2 3.9 0.18 -1557 134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone Including 747.8 750.8 2.3 0.48 -605 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone	CBS-22-056	12930	4/-54	391.3	403.4	7.1	0.10	-325
134 Zone CBS-22-060 13700 359/-58 442.8 462.5 11.6 0.08 -380 129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone Including 747.8 750.8 2.3 0.48 -605 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	124 Zone	CBS-22-056	12930	4/-54	419.8	425.1	3.8	0.10	-345
129 Zone CBS-22-056 12930 4/-54 738.0 750.8 9.5 0.13 -601 129 Zone Including 747.8 750.8 2.3 0.48 -605 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	134 Zone		13460	355/-65	1969.3	1974.2	3.9	0.18	-1557
129 Zone Including 747.8 750.8 2.3 0.48 -605 129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	134 Zone	CBS-22-060	13700	359/-58	442.8	462.5	11.6	0.08	-380
129 Zone CBS-22-056 12930 4/-54 806.9 816.7 7.2 0.06 -652 129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	129 Zone	CBS-22-056	12930	4/-54	738.0	750.8	9.5	0.13	-601
129 Zone CBS-22-057 12960 4/-48 463.1 472.3 6.6 0.09 -353	129 Zone	Including			747.8	750.8	2.3	0.48	-605
	129 Zone	CBS-22-056	12930	4/-54	806.9	816.7	7.2	0.06	-652
146 Zone CBE-0300 14670 189/2 482.5 491.0 7.9 0.12 -1769	129 Zone	CBS-22-057	12960	4/-48	463.1	472.3	6.6	0.09	-353
	146 Zone	CBE-0300	14670	189/2	482.5	491.0	7.9	0.12	-1769

146 Zone	Including			482.5	484.1	1.3	0.15	-1749
146 Zone	Including			489.4	491.0	1.3	0.40	-1748
146 Zone	CBE-0301	14665	188/-12	469.0	478.9	6.6	0.11	-1677
146 Zone	CBE-0307	14640	195/-8	575.0	596.0	16.4	0.05	-1692
146 Zone	Including			585.5	588.1	2.6	0.15	-1692
146 Zone	CBE-0322	14620	202/-33	583.8	596.6	11.5	0.07	-1491
146 Zone	CBE-0338	14700	168/51	405.1	419.5	13.1	0.03	-1491
148 Zone	CBE-0247	14820	3/-64	1891.6	1909.0	12.1	0.12	3189
148 Zone	CBE-0247	14820	3/-64	2030.0	2072.0	24.6	0.27	3311
148 Zone	Including			2066.4	2069.0	1.6	2.81	3325

Republic (Washington)

Zone	Drillhole Number	Drillhole Azm/Incl	Sample From (feet)	Sample To (feet)	Est. True Width (feet)	Gold (oz/ton)	Silver (oz/ton)	Depth From Surface (feet)
Belligerent Vein	BT2205	330/-45	318.0	326.8	6.2	0.05	1.0	-230
Belligerent Vein		Including	323.7	326.8	2.2	0.06	2.2	-230
Other Vein	BT2206	330/-45	324.7	338.5	9.7	0.08	1.3	-235
Other Vein		Including	324.7	330.1	3.8	0.13	2.6	-235
Other Vein	BT2206	330/-45	392.6	399.9	5.1	0.40	0.3	-284
Belligerent Vein	BT2206	330/-45	411.2	428.0	8.1	0.57	5.7	-301
Belligerent Vein		Including	417.3	421.0	2.6	1.42	17.0	-301
Bellicose Vein	BT2207	330/-45	292.3	314.7	15.7	0.13	0.8	-216
Bellicose Vein		Including	306.3	313.1	4.8	0.29	0.8	-216