

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Project Name:	Myra Falls	UTM Coordinates	Grid Coordinates	Hole Type:	DDH	Collar Dip:	-80.00
Project Number:	MR	North: 8621252.00	North: 0.00	Hole Size:	HQ/NQ	Collar Az:	270.00
Location:	Surface	East: 316639.00	East: 0.00	Casing:	Left in Hole	Length:	519.40
		Collar Elev: 134.00	Elev: 0.00	Core Storage:	Exploration Camp	Start Depth:	0.00
Date Started:	Sep 30, 2002	Collar Survey: N	Pulse EM Survey: N	Multishot Survey: N	Logged By: Cameco	Final Depth:	519.40
Date Completed:	Oct 06, 2002	Making Water: N	Is Hole Plugged: N	Is Cemented: N	Contractor:		
Total Days:	6	Gas Intersected: N	Object In Hole: N	Verified: N			

Comments:

Survey Data

Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments	Depth	Azimuth Decimal	Dip Decimal	Test Type	Flag	Comments
0.00	270.00	-80.00	UK	OK		519.40	270.00	-80.00	UK	OK	

Detailed Lithology

From	To	Lithology
0	3.00	SAND, sand

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From	To	Lithology
3.00	116.95	<p>CALC, calcsilicate</p> <p>-Pc1 - Lower Cahill calc-silicate</p> <p>MINOR INTERVALS:</p> <p>Minor Interval:</p> <p>3 - 6.1 SAP, saprolite</p> <p>Consolidated ferruginous clay and sand particles in lateritic profile</p> <p>Minor Interval:</p> <p>6.1 - 9.25 AMPH, amphibolite</p> <p>Weathered and clay altered amphibolite</p> <p>Minor Interval:</p> <p>9.25 - 10 CALC, calcsilicate</p> <p>Schistose mica-rich interbed</p> <p>Minor Interval:</p> <p>10 - 12.5 AMPH, amphibolite</p> <p>Minor Interval:</p> <p>12.5 - 20.3 CALC, calcsilicate</p> <p>Variably weathered with minor quartz segregations</p> <p>Minor Interval:</p> <p>20.3 - 21.97 AMPH, amphibolite</p> <p>Hematite/limonite clay altered and weathered</p> <p>Minor Interval:</p> <p>21.97 - 23.95 CALC, calcsilicate</p> <p>Minor pegmatite @ 23.10 m; feldspar altered to green chlorite</p> <p>Minor Interval:</p> <p>23.95 - 24.92 AMPH, amphibolite</p> <p>Same as at 20.30 m</p> <p>Minor Interval:</p> <p>24.92 - 25.85 CALC, calcsilicate</p> <p>Thin quartz segregations</p> <p>Minor Interval:</p> <p>25.85 - 37.5 AMPH, amphibolite</p> <p>Quartz-chlorite-hematite-sericite breccia @ 29.70 m; common red hematite along foliation; thin quartz veining; strong pyrite near base</p> <p>Minor Interval:</p> <p>37.5 - 41 CALC, calcsilicate</p> <p>Small garnet porphyroblasts chlorite and sericite altered; moderately foliated</p> <p>Minor Interval:</p> <p>41 - 47.3 AMPH, amphibolite</p> <p>Trace pyrite throughout unit</p>

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		<p>MINOR INTERVALS:</p> <p>Minor Interval: 47.3 - 49.4 CALC, calcsilicate Development of gneissic segregations</p> <p>Minor Interval: 49.4 - 52.11 CALC, calcsilicate Porphyroblastic altered garnet; wavy foliation; minor quartz lenticles</p> <p>Minor Interval: 52.11 - 56.5 CALC, calcsilicate Minor amphibolite; minor fine-grained altered pegmatite; pyrite-rich bands < 15 cm @ 53.45 and 54.20 m; minor quartz lenticles</p> <p>Minor Interval: 56.5 - 61.07 MARB, marble Altered porphyroblastic marble interval; foliation disrupted by large garnet porphyroblasts; common quartz lenticles in less garnetiferous bands</p> <p>Minor Interval: 61.07 - 63.55 PEGM, pegmatite</p> <p>Minor Interval: 63.55 - 70.12 CALC, calcsilicate</p> <p>Minor Interval: 70.12 - 73.37 CALC, calcsilicate Quartz lenticle schist</p> <p>Minor Interval: 73.37 - 83.65 CALC, calcsilicate Some porphyroblastic (altered-garnet) rich intervals in weakly foliated and altered calc-silicate</p> <p>Minor Interval: 83.65 - 84.73 CALC, calcsilicate Muscovite-rich</p> <p>Minor Interval: 84.73 - 116.95 CALC, calcsilicate Chloritic amphibolite schist with intervals of intense muscovite alteration (possible marble intervals as protolith)</p>

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116.95	193.80	QZIT, quartzite -Pkk - Kudjumarndi Quartzite - quartzite MINOR INTERVALS: Minor Interval: 116.95 - 117.95 ARKS, arkose Arkosic Quartzite Minor Interval: 117.95 - 119.1 AMPH, amphibolite Minor Interval: 119.1 - 119.4 PEGM, pegmatite Minor Interval: 119.4 - 119.85 QZIT, quartzite Minor Interval: 119.85 - 122.05 AMPH, amphibolite Minor Interval: 122.05 - 128.2 ARKS, arkose Arkosic Quartzite Minor Interval: 128.2 - 129.1 AMPH, amphibolite Minor Interval: 129.1 - 129.5 ARKS, arkose Arkosic Quartzite Minor Interval: 129.5 - 130.25 AMPH, amphibolite Minor Interval: 130.25 - 130.8 ARKS, arkose Arkosic Quartzite Minor Interval: 130.8 - 131.9 AMPH, amphibolite Minor Interval: 131.9 - 132.4 QZIT, quartzite Minor Interval: 132.4 - 132.7 AMPH, amphibolite Minor Interval: 132.7 - 133 QZIT, quartzite Minor Interval: 133 - 133.12 AMPH, amphibolite

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From	To	Lithology
		MINOR INTERVALS: Minor Interval: 133.12 - 133.4 QZIT, quartzite Minor Interval: 133.4 - 133.7 AMPH, amphibolite Minor Interval: 133.7 - 134.25 QZIT, quartzite Minor Interval: 134.25 - 138.9 AMPH, amphibolite Minor Interval: 138.9 - 139.05 PEGM, pegmatite Minor Interval: 139.05 - 140.45 AMPH, amphibolite Minor Interval: 140.45 - 141.15 QZIT, quartzite Minor Interval: 141.15 - 141.8 AMPH, amphibolite Minor Interval: 141.8 - 142.25 QZIT, quartzite Minor Interval: 142.25 - 142.7 AMPH, amphibolite Minor Interval: 142.7 - 148.5 QZIT, quartzite Minor Interval: 148.5 - 151.87 AMPH, amphibolite Minor Interval: 151.87 - 152.32 QZIT, quartzite Minor Interval: 152.32 - 152.5 AMPH, amphibolite Minor Interval: 152.5 - 153.4 QZIT, quartzite Minor Interval: 153.4 - 153.55 PEGM, pegmatite Minor Interval: 153.55 - 154.47 PELT, pelite

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From	To	Lithology
		MINOR INTERVALS: Minor Interval: 154.47 - 156.51 QZIT, quartzite Quartzite Minor Interval: 156.51 - 157.95 ARKS, arkose Arkosic Quartzite Minor Interval: 157.95 - 158.1 PEGM, pegmatite Minor Interval: 158.1 - 158.35 PELT, pelite Minor Interval: 158.35 - 161.4 QZIT, quartzite Minor Interval: 161.4 - 161.85 AMPH, amphibolite Minor Interval: 161.85 - 168.17 QZIT, quartzite Minor Interval: 168.17 - 169.45 SMPL, semipelite Start of gradational contact between Kudjumarndi Quartzite and underlying Mt Howship Gneiss; Migmatitic lower contact; muscovitisation of biotite and chlorite Minor Interval: 169.45 - 169.6 QZVN, vein quartz Minor Interval: 169.6 - 171.15 SMPL, semipelite Minor Interval: 171.15 - 171.75 ARKS, arkose Arkosic Quartzite Minor Interval: 171.75 - 172.41 SMPL, semipelite Minor Interval: 172.41 - 172.85 ARKS, arkose Arkosic Quartzite Minor Interval: 172.85 - 177.55 SMPL, semipelite Gneissic semipelite Minor Interval: 177.55 - 178.8 QZIT, quartzite

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From	To	Lithology
		<p>MINOR INTERVALS:</p> <p>Minor Interval: 178.8 - 178.85 PEGM, pegmatite Contact between quartzite and semipelite is pegmatitic</p> <p>Minor Interval: 178.85 - 182.25 SMPL, semipelite Muscovite alteration increases towards base of unit</p> <p>Minor Interval: 182.25 - 182.45 PEGM, pegmatite Plagioclase altered to green sericite; K-spar is orange and hematitic</p> <p>Minor Interval: 182.45 - 188.25 SMPL, semipelite Gneissic semipelite</p> <p>Minor Interval: 188.25 - 189.9 SCH, schist Muscovite schist comprising 50-90% muscovite alteration of semipelitic protolith</p> <p>Minor Interval: 189.9 - 190.65 QZIT, quartzite Alternating quartzite intervals and semipelite; quartzite may represent silicified semipelite and not actual sedimentary quartzite</p> <p>Minor Interval: 190.65 - 192.33 SCH, schist Muscovite-rich schist (alteration)</p> <p>Minor Interval: 192.33 - 193.3 ARKS, arkose Arkosic Quartzite - muscovite alteration intensifies to base; possible floating pebbles and granules (graded bedding)</p> <p>Minor Interval: 193.3 - 193.47 AMPH, amphibolite Migmatitic with fresh reddish garnet porphyroblasts</p> <p>Minor Interval: 193.47 - 193.8 ARKS, arkose Arkosic Quartzite</p>

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From	To	Lithology
193.80	273.30	<p>GNIS, gneiss</p> <p>-Pkh - Mt Howship Gneiss gradational contact; semipelitic and lesser pelitic gneiss</p> <p>MINOR INTERVALS:</p> <p>Minor Interval: 193.8 - 194.5 PELT, pelite Grades into amphibolite downhole; altered to chlorite-biotite-muscovite</p> <p>Minor Interval: 194.5 - 198.55 AMPH, amphibolite Possible muscovite and biotite alteration after altered garnet</p> <p>Minor Interval: 198.55 - 205.15 PSAM, psammite Variably folded to crenulated</p> <p>Minor Interval: 205.15 - 211.92 PELT, pelite Pelitic gneiss; abundant faserkiesel (quartz-sillimanite knots); more chlorite-rich interval (after biotite)</p> <p>Minor Interval: 211.92 - 218.55 PSAM, psammite</p> <p>Minor Interval: 218.55 - 218.75 PEGM, pegmatite Quartz-rich vein of pegmatite</p> <p>Minor Interval: 218.75 - 231.35 SMPL, semipelite Altered pelite to semipelite to psammite interbeds; gneissic crenulated and partially melted without remobilising the leucosome to any extent; frequent faserkiesel</p> <p>Minor Interval: 231.35 - 235.35 SHER, shear Early shear zone (syn-peak metamorphism) reactivated with brittle and healed breccia and clay fault gouge between 234-235 m</p> <p>Minor Interval: 235.35 - 235.8 SMPL, semipelite</p> <p>Minor Interval: 235.8 - 236 PEGM, pegmatite Quartz-rich vein of pegmatite</p> <p>Minor Interval: 236 - 242.1 SMPL, semipelite</p> <p>Minor Interval: 242.1 - 242.7 PEGM, pegmatite Fresh orange K-spar with large muscovite books and chlorite altered biotite; quartz-poor with slight brecciation</p>

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From	To	Lithology
		<p>MINOR INTERVALS:</p> <p>Minor Interval: 242.7 - 261.15 SMPL, semipelite Pelitic upper contact proximal to pegmatite = restite/melanosome</p> <p>Minor Interval: 261.15 - 261.6 PEGM, pegmatite Feldspar >> quartz; migmatitic partial melt segregation that has not migrated from source area</p> <p>Minor Interval: 261.6 - 267.95 SMPL, semipelite Migmatitic pelite (restite)</p> <p>Minor Interval: 267.95 - 268.05 QZVN, vein quartz Quartz-dominant pegmatite vein</p> <p>Minor Interval: 268.05 - 270.15 SMPL, semipelite Crenulated</p> <p>Minor Interval: 270.15 - 270.75 PEGM, pegmatite Coalesced remobilisate not migrated from source area</p> <p>Minor Interval: 270.75 - 271.26 SMPL, semipelite</p> <p>Minor Interval: 271.26 - 271.35 QZVN, vein quartz Quartz-dominant pegmatite vein</p> <p>Minor Interval: 271.35 - 271.85 PELT, pelite Altered pinhead garnet porphyroblasts</p> <p>Minor Interval: 271.85 - 273.05 SMPL, semipelite Migmatitic semipelite</p> <p>Minor Interval: 273.05 - 273.3 PEGM, pegmatite Granitic composition pegmatite at contact with Kudjumanrdi Quartzite</p>

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From	To	Lithology
273.30	358.77	<p>QZIT, quartzite -Pkk - Kudjumarndi Quarzite</p> <p>MINOR INTERVALS: Minor Interval: 273.3 - 275.05 ARKS, arkose Arkosic Quartzite Minor Interval: 275.05 - 276.27 SMPL, semipelite Crenulated unit; gradational in contact with gradual decrease in frequency of Mt Howship gneissic semipelitic interbeds Minor Interval: 276.27 - 276.44 PSAM, psammite Minor Interval: 276.44 - 276.59 SMPL, semipelite Folded unit Minor Interval: 276.59 - 276.72 PEGM, pegmatite Minor Interval: 276.72 - 277.17 SMPL, semipelite Minor Interval: 277.17 - 277.4 ARKS, arkose Arkosic Quartzite Minor Interval: 277.4 - 278.04 SMPL, semipelite Quartz lenses/lenticles Minor Interval: 278.04 - 280.94 ARKS, arkose Arkosic Quartzite - reverse grading = overturned bedding = lower limb of anticline Minor Interval: 280.94 - 281.06 PELT, pelite Pelitic amphibolite interbed Minor Interval: 281.06 - 281.5 ARKS, arkose Arkosic Quartzite Minor Interval: 281.5 - 281.67 AMPH, amphibolite Minor Interval: 281.67 - 281.9 ARKS, arkose Arkosic Quartzite</p>

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From	To	Lithology
		MINOR INTERVALS: Minor Interval: 281.9 - 282.02 AMPH, amphibolite Minor Interval: 282.02 - 282.25 ARKS, arkose Arkosic Quartzite Minor Interval: 282.25 - 283.02 AMPH, amphibolite Amphibolite with 0 cm pegmatite segregation Minor Interval: 283.02 - 283.29 ARKS, arkose Minor Interval: 283.29 - 284.03 AMPH, amphibolite Minor Interval: 284.03 - 284.22 ARKS, arkose Arkosic Quartzite Minor Interval: 284.22 - 284.36 AMPH, amphibolite Migmatitic Minor Interval: 284.36 - 284.53 ARKS, arkose Arkosic Quartzite Minor Interval: 284.53 - 284.6 AMPH, amphibolite Minor Interval: 284.6 - 284.75 ARKS, arkose Arkosic Quartzite Minor Interval: 284.75 - 285.07 PELT, pelite Crenulated fold closure (nose) Minor Interval: 285.07 - 285.97 ARKS, arkose Arkosic Quartzite - 2 fold closures (noses); partially melted Minor Interval: 285.97 - 286.25 QZPL, quartz rich pelite Minor Interval: 286.25 - 286.47 PEGM, pegmatite

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From	To	Lithology
		<p>MINOR INTERVALS:</p> <p>Minor Interval: 286.47 - 287.55 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 287.55 - 289.95 QZPL, quartz rich pelite Muscovite-rich altered section; in portion of fold with steep foliation relative to core axis</p> <p>Minor Interval: 289.95 - 290.11 PEGM, pegmatite Chlorite altered + quartz</p> <p>Minor Interval: 290.11 - 290.5 ARKS, arkose Possible muscovitic alteration/replacement of quartzite - texturally similar</p> <p>Minor Interval: 290.5 - 290.65 AMPH, amphibolite</p> <p>Minor Interval: 290.65 - 291.19 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 291.19 - 292.23 AMPH, amphibolite Blotchy hematite alteration similar to hematite-transition zone paleoweathering (pre-metamorphism?)</p> <p>Minor Interval: 292.23 - 293.75 QZIT, quartzite Pelitic Quartzite</p> <p>Minor Interval: 293.75 - 294.17 PEGM, pegmatite</p> <p>Minor Interval: 294.17 - 294.7 QZIT, quartzite Pelitic Quartzite; pegmatitic segregation at lower contact</p> <p>Minor Interval: 294.7 - 295.12 AMPH, amphibolite</p> <p>Minor Interval: 295.12 - 295.4 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 295.4 - 295.68 AMPH, amphibolite</p> <p>Minor Interval: 295.68 - 295.83 ARKS, arkose Arkosic Quartzite</p>

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From	To	Lithology
		MINOR INTERVALS: Minor Interval: 295.83 - 296.11 PEGM, pegmatite Minor Interval: 296.11 - 296.25 AMPH, amphibolite Minor Interval: 296.25 - 296.4 PEGM, pegmatite Minor Interval: 296.4 - 298.43 ARKS, arkose Arkosic Quartzite Minor Interval: 298.43 - 299.72 AMPH, amphibolite Minor Interval: 299.72 - 301.13 ARKS, arkose Arkosic Quartzite Minor Interval: 301.13 - 302.27 AMPH, amphibolite Minor Interval: 302.27 - 303.02 ARKS, arkose Arkosic Quartzite Minor Interval: 303.02 - 303.4 AMPH, amphibolite Minor Interval: 303.4 - 304.3 ARKS, arkose Arkosic Quartzite Minor Interval: 304.3 - 304.68 AMPH, amphibolite Muscovite alteration intense at lower contact Minor Interval: 304.68 - 304.81 PEGM, pegmatite Quartz-dominant pegmatite vein Minor Interval: 304.81 - 305.22 ARKS, arkose Arkosic Quartzite Minor Interval: 305.22 - 305.31 AMPH, amphibolite Bleached amphibolite schist

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		<p>MINOR INTERVALS:</p> <p>Minor Interval: 305.31 - 311.3 ARKS, arkose Arkosic Quartzite - 1.3 cm quartz vein @ 25 degrees TCA @ 311.05 m</p> <p>Minor Interval: 311.3 - 313.95 AMPH, amphibolite Quartz-hematite hairline veinlets</p> <p>Minor Interval: 313.95 - 315.75 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 315.75 - 316 AMPH, amphibolite</p> <p>Minor Interval: 316 - 316.26 PEGM, pegmatite</p> <p>Minor Interval: 316.26 - 318.6 ARKS, arkose Arkosic Quartzite - 2 cm pegmatite vein @ 318.18 m</p> <p>Minor Interval: 318.6 - 319.03 AMPH, amphibolite Pinhead garnet porphyroblasts altered to green chlorite</p> <p>Minor Interval: 319.03 - 320.5 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 320.5 - 320.89 AMPH, amphibolite</p> <p>Minor Interval: 320.89 - 322.77 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 322.77 - 324.28 AMPH, amphibolite</p> <p>Minor Interval: 324.28 - 324.53 QZIT, quartzite Pelitic Quartzite - red hematite and green chlorite altered</p> <p>Minor Interval: 324.53 - 327.83 AMPH, amphibolite Basal 70 cm replaced by pervasive mineralogically controlled muscovite alteration</p> <p>Minor Interval: 327.83 - 328.23 ARKS, arkose Arkosic Quartzite</p>

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		<p>MINOR INTERVALS:</p> <p>Minor Interval: 328.23 - 328.82 AMPH, amphibolite</p> <p>Minor Interval: 328.82 - 329.77 QZPL, quartz rich pelite</p> <p>Minor Interval: 329.77 - 329.84 PEGM, pegmatite Quartz-rich pegmatite vein</p> <p>Minor Interval: 329.84 - 330.1 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 330.1 - 331.05 SMPL, semipelite Muscovite altered</p> <p>Minor Interval: 331.05 - 335.13 AMPH, amphibolite Red hematite alteration after pervasive chlorite alteration</p> <p>Minor Interval: 335.13 - 335.25 PEGM, pegmatite</p> <p>Minor Interval: 335.25 - 335.8 QZPL, quartz rich pelite</p> <p>Minor Interval: 335.8 - 336.6 ARKS, arkose Arkosic Quartzite - bleached and chloritic fractures</p> <p>Minor Interval: 336.6 - 337.12 AMPH, amphibolite Strong green chlorite and weak yellow sericite foliation and structurally controlled alteration</p> <p>Minor Interval: 337.12 - 341.28 ARKS, arkose Arkosic Quartzite - steep faulted upper contact; chlorite alteration of quartzite proximal to both upper and lower contacts</p> <p>Minor Interval: 341.28 - 346.5 AMPH, amphibolite</p> <p>Minor Interval: 346.5 - 347.8 QZIT, quartzite Pelitic Quartzite</p> <p>Minor Interval: 347.8 - 350.25 ARKS, arkose Arkosic Quartzite - steeply dipping chloritic fault gouge at lower contact</p>

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		MINOR INTERVALS: Minor Interval: 350.25 - 350.45 AMPH, amphibolite Minor Interval: 350.45 - 350.88 SCH, schist Muscovite schist = altered pelitic amphibolite Minor Interval: 350.88 - 352.09 QZIT, quartzite Pelitic Quartzite - chloritic and hematitic quartzite and chlorite altered pelitic intervals Minor Interval: 352.09 - 352.67 AMPH, amphibolite Chloritic amphibolite Minor Interval: 352.67 - 352.85 QZIT, quartzite Pelitic Quartzite - chlorite alteration and replacement of quartzite similar to intense chlorite replacement of lower Kombolgie sandstone in the vicinity of the Myra Falls Inlier Minor Interval: 352.85 - 354.3 AMPH, amphibolite Minor Interval: 354.3 - 354.6 QZIT, quartzite Pelitic Quartzite = chlorite replacement of quartzite Minor Interval: 354.6 - 355.18 ARKS, arkose Arkosic Quartzite Minor Interval: 355.18 - 356.54 QZIT, quartzite Pelitic Quartzite Minor Interval: 356.54 - 357.85 AMPH, amphibolite Minor Interval: 357.85 - 358.77 MARB, marble Silicified Marble or calc-silicate unit; protomylonitic at base
358.77	375.45	AMPH, amphibolite -PdZ - Zamu dolerite? wide amphibolitic interval within Kudjumarndi Quartzite MINOR INTERVALS: Minor Interval: 358.77 - 375.45 DOL, dolerite Amphibolite - possible -PdZ Zamu dolerite

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375.45	482.70	<p>QZIT, quartzite</p> <p>-Pkk - Kudjumarndi Quartzite gradational contact from 447.20 to 482.70 m</p> <p>MINOR INTERVALS:</p> <p>Minor Interval: 375.45 - 376.15 QZIT, quartzite Pelitic Quartzite</p> <p>Minor Interval: 376.15 - 378.65 QZPL, quartz rich pelite</p> <p>Minor Interval: 378.65 - 380.42 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 380.42 - 381.7 AMPH, amphibolite</p> <p>Minor Interval: 381.7 - 381.78 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 381.78 - 382.12 AMPH, amphibolite</p> <p>Minor Interval: 382.12 - 382.23 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 382.23 - 382.64 AMPH, amphibolite Pelitic amphibolite</p> <p>Minor Interval: 382.64 - 383.4 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 383.4 - 383.43 PELT, pelite</p> <p>Minor Interval: 383.43 - 384.43 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 384.43 - 384.5 PELT, pelite</p> <p>Minor Interval: 384.5 - 385.48 ARKS, arkose Arkosic Quartzite</p>

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		MINOR INTERVALS: Minor Interval: 385.48 - 385.59 PELT, pelite Garnetiferous pelite Minor Interval: 385.59 - 385.88 ARKS, arkose Arkosic Quartzite Minor Interval: 385.88 - 385.95 PELT, pelite Minor Interval: 385.95 - 386.19 ARKS, arkose Arkosic Quartzite Minor Interval: 386.19 - 386.57 PELT, pelite Minor Interval: 386.57 - 386.85 QZIT, quartzite Pelitic Quartzite Minor Interval: 386.85 - 387.22 PELT, pelite Minor Interval: 387.22 - 387.28 ARKS, arkose Arkosic Quartzite Minor Interval: 387.28 - 387.48 PELT, pelite Yellow sericite altered in part Minor Interval: 387.48 - 388.54 PSAM, psammite Psammitic Quartzite Minor Interval: 388.54 - 391.88 PELT, pelite Pelitic amphibolite Minor Interval: 391.88 - 395.03 ARKS, arkose Arkosic Quartzite Minor Interval: 395.03 - 396.21 PELT, pelite Garnet-biotite-bearing

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From	To	Lithology
		MINOR INTERVALS: Minor Interval: 396.21 - 396.34 ARKS, arkose Arkosic Quartzite Minor Interval: 396.34 - 396.51 AMPH, amphibolite Pelitic amphibolite Minor Interval: 396.51 - 401.84 ARKS, arkose Arkosic Quartzite - 3 minor 2-6 cm wide pelitic interbeds Minor Interval: 401.84 - 402.13 PELT, pelite Minor Interval: 402.13 - 402.4 ARKS, arkose Arkosic Quartzite Minor Interval: 402.4 - 402.54 PELT, pelite Minor Interval: 402.54 - 402.7 ARKS, arkose Arkosic Quartzite Minor Interval: 402.7 - 403.08 PELT, pelite Minor Interval: 403.08 - 403.25 ARKS, arkose Arkosic Quartzite Minor Interval: 403.25 - 403.3 PELT, pelite Minor Interval: 403.3 - 404.64 ARKS, arkose Arkosic Quartzite Minor Interval: 404.64 - 404.75 PELT, pelite Minor Interval: 404.75 - 404.83 QZIT, quartzite Pelitic Quartzite Minor Interval: 404.83 - 404.9 PELT, pelite Minor Interval: 404.9 - 405.1 PEGM, pegmatite

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 405.1 - 409.16 ARKS, arkose Arkosic Quartzite Minor Interval: 409.16 - 409.3 PELT, pelite Minor Interval: 409.3 - 409.54 PEGM, pegmatite Minor Interval: 409.54 - 410.11 QZIT, quartzite True Quartzite Minor Interval: 410.11 - 411.11 QZPL, quartz rich pelite Gneissic quart-rich pelite; alternating bands of quartzite and pelite = gneissosity Minor Interval: 411.11 - 411.69 PELT, pelite Minor Interval: 411.69 - 411.83 QZIT, quartzite Minor Interval: 411.83 - 412.04 PELT, pelite Minor Interval: 412.04 - 413.14 QZIT, quartzite 2.5 cm pegmatite at upper contact - partial melt product Minor Interval: 413.14 - 413.22 PELT, pelite Minor Interval: 413.22 - 413.39 ARKS, arkose Arkosic Quartzite Minor Interval: 413.39 - 413.46 PELT, pelite Minor Interval: 413.46 - 413.67 QZIT, quartzite Pelitic Quartzite Minor Interval: 413.67 - 413.79 PELT, pelite Minor Interval: 413.79 - 413.9 ARKS, arkose Arkosic Quartzite

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 413.9 - 414.02 PELT, pelite Minor Interval: 414.02 - 414.06 PEGM, pegmatite Minor Interval: 414.06 - 414.78 ARKS, arkose Arkosic Quartzite Minor Interval: 414.78 - 415.48 PELT, pelite Garnetiferous at lower contact Minor Interval: 415.48 - 415.67 ARKS, arkose Arkosic Quartzite Minor Interval: 415.67 - 415.73 PELT, pelite Minor Interval: 415.73 - 415.79 QZIT, quartzite Pelitic Quartzite Minor Interval: 415.79 - 416.31 PELT, pelite Minor Interval: 416.31 - 416.43 QZIT, quartzite Pelitic Quartzite Minor Interval: 416.43 - 416.71 ARKS, arkose Arkosic Quartzite Minor Interval: 416.71 - 416.8 PEGM, pegmatite Minor Interval: 416.8 - 416.93 ARKS, arkose Arkosic Quartzite Minor Interval: 416.93 - 417.03 PELT, pelite Minor Interval: 417.03 - 418.69 QZIT, quartzite Arkosic Quartzite Minor Interval: 418.69 - 418.8 PELT, pelite

DETAILED DIAMOND DRILL REPORT

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Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 418.8 - 420.22 ARKS, arkose Arkosic Quartzite Minor Interval: 420.22 - 420.36 QZPL, quartz rich pelite Minor Interval: 420.36 - 421.92 QZIT, quartzite Minor Interval: 421.92 - 422.07 PELT, pelite Red hematite and green chlorite altered unit Minor Interval: 422.07 - 423.7 QZIT, quartzite Minor Interval: 423.7 - 423.73 PELT, pelite Garnetiferous pelite interval Minor Interval: 423.73 - 424.2 ARKS, arkose Arkosic Quartzite Minor Interval: 424.2 - 424.24 PELT, pelite Minor Interval: 424.24 - 424.29 ARKS, arkose Arkosic Quartzite Minor Interval: 424.29 - 424.52 PELT, pelite Minor Interval: 424.52 - 425.03 ARKS, arkose Arkosic Quartzite Minor Interval: 425.03 - 425.22 PELT, pelite Minor Interval: 425.22 - 426.5 ARKS, arkose Arkosic Quartzite Minor Interval: 426.5 - 426.68 PELT, pelite Minor Interval: 426.68 - 426.88 ARKS, arkose Arkosic Quartzite

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Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 426.88 - 426.9 PELT, pelite Minor Interval: 426.9 - 426.93 QZIT, quartzite Pelitic Quartzite Minor Interval: 426.93 - 426.96 PELT, pelite Minor Interval: 426.96 - 427.44 ARKS, arkose Arkosic Quartzite Minor Interval: 427.44 - 427.47 PELT, pelite Minor Interval: 427.47 - 427.7 ARKS, arkose Arkosic Quartzite Minor Interval: 427.7 - 427.74 PELT, pelite Minor Interval: 427.74 - 428.13 ARKS, arkose Arkosic Quartzite Minor Interval: 428.13 - 428.17 PELT, pelite Minor Interval: 428.17 - 428.36 ARKS, arkose Arkosic Quartzite Minor Interval: 428.36 - 428.39 PELT, pelite Minor Interval: 428.39 - 428.76 ARKS, arkose Arkosic Quartzite Minor Interval: 428.76 - 429.84 PELT, pelite Minor Interval: 429.84 - 431.05 QZIT, quartzite Pelitic Quartzite Minor Interval: 431.05 - 431.24 PELT, pelite

DETAILED DIAMOND DRILL REPORT MYRA FALLS PROJECT



Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology		
From	To	Lithology
		<p>MINOR INTERVALS:</p> <p>Minor Interval: 431.24 - 433.47 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 433.47 - 433.55 QZPL, quartz rich pelite</p> <p>Minor Interval: 433.55 - 433.72 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 433.72 - 433.88 QZPL, quartz rich pelite</p> <p>Minor Interval: 433.88 - 434.58 ARKS, arkose Arkosic Quartzite</p> <p>Minor Interval: 434.58 - 434.65 PELT, pelite</p> <p>Minor Interval: 434.65 - 435.18 QZIT, quartzite</p> <p>Minor Interval: 435.18 - 435.22 PELT, pelite</p> <p>Minor Interval: 435.22 - 435.58 QZIT, quartzite</p> <p>Minor Interval: 435.58 - 435.78 PELT, pelite</p> <p>Minor Interval: 435.78 - 435.9 QZIT, quartzite</p> <p>Minor Interval: 435.9 - 436.06 PELT, pelite</p> <p>Minor Interval: 436.06 - 436.15 QZIT, quartzite</p> <p>Minor Interval: 436.15 - 436.3 PELT, pelite</p> <p>Minor Interval: 436.3 - 436.37 PEGM, pegmatite</p> <p>Minor Interval: 436.37 - 437.17 QZPL, quartz rich pelite</p>

DETAILED DIAMOND DRILL REPORT

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Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 437.17 - 438.8 AMPH, amphibolite Pelitic amphibolite Minor Interval: 438.8 - 438.96 QZIT, quartzite Minor Interval: 438.96 - 439.83 PELT, pelite Minor Interval: 439.83 - 440.2 QZSP, quartz semipelite Minor Interval: 440.2 - 443.27 PELT, pelite Minor Interval: 443.27 - 443.89 QZPL, quartz rich pelite Minor Interval: 443.89 - 444.73 QZIT, quartzite 4 thin (1-2 cm) pelitic interbeds Minor Interval: 444.73 - 445.63 PELT, pelite Minor Interval: 445.63 - 446.86 QZIT, quartzite Pelitic Quartzite Minor Interval: 446.86 - 447.2 QZIT, quartzite Start of gradational/transitional contact with Lower Cahill pelitic calc-silicate rocks Minor Interval: 447.2 - 447.34 QZVN, vein quartz Vein has chloritic pelitic selvages/contacts Minor Interval: 447.34 - 448.2 QZIT, quartzite Minor Interval: 448.2 - 448.39 PELT, pelite Minor Interval: 448.39 - 448.94 QZIT, quartzite Minor Interval: 448.94 - 449.15 PELT, pelite Minor Interval: 449.15 - 449.22 QZIT, quartzite

DETAILED DIAMOND DRILL REPORT

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Hole Number: **MRD-0102**

Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 449.22 - 449.81 PELT, pelite Minor Interval: 449.81 - 450.38 QZIT, quartzite Minor Interval: 450.38 - 450.67 PELT, pelite Minor Interval: 450.67 - 450.92 QZIT, quartzite Minor Interval: 450.92 - 450.95 QZVN, vein quartz Minor Interval: 450.95 - 453.15 QZPL, quartz rich pelite 3 cm discordant pegmatite vein @ 453.60 m Minor Interval: 453.15 - 453.27 QZIT, quartzite Minor Interval: 453.27 - 455.32 QZPL, quartz rich pelite Minor Interval: 455.32 - 455.4 FLSC, felsic segregation Remobilisate Minor Interval: 455.4 - 456.16 QZPL, quartz rich pelite Minor Interval: 456.16 - 457.18 PELT, pelite Garnetiferous Minor Interval: 457.18 - 458.2 QZPL, quartz rich pelite Minor Interval: 458.2 - 458.97 QZIT, quartzite Minor Interval: 458.97 - 459.33 PELT, pelite Identical to -Pc1 Lower Cahill pelitic rocks - part of gradational contact Minor Interval: 459.33 - 459.7 QZIT, quartzite Pelitic Quartzite Minor Interval: 459.7 - 460.28 QZPL, quartz rich pelite

DETAILED DIAMOND DRILL REPORT

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Units: METRIC

Detailed Lithology

From	To	Lithology
		MINOR INTERVALS: Minor Interval: 460.28 - 461.6 PELT, pelite Minor Interval: 461.6 - 462.59 QZPL, quartz rich pelite Minor Interval: 462.59 - 462.84 ARKS, arkose Arkosic Quartzite Minor Interval: 462.84 - 463.03 PELT, pelite Minor Interval: 463.03 - 463.23 QZIT, quartzite Pelitic Quartzite Minor Interval: 463.23 - 463.62 QZPL, quartz rich pelite Minor Interval: 463.62 - 463.77 QZVN, vein quartz Minor Interval: 463.77 - 463.93 QZIT, quartzite Minor Interval: 463.93 - 464.15 PELT, pelite Minor Interval: 464.15 - 464.19 QZIT, quartzite Minor Interval: 464.19 - 464.26 PELT, pelite Minor Interval: 464.26 - 464.47 QZIT, quartzite Minor Interval: 464.47 - 474.5 QZPL, quartz rich pelite Gneissic quartz-rich pelite; 1-8 cm quartz veins between 468.8 - 469.8 m Minor Interval: 474.5 - 475.11 QZSP, quartz semipelite Minor Interval: 475.11 - 476.95 PELT, pelite Minor Interval: 476.95 - 477.39 QZVN, vein quartz White bull quartz vein

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT



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Units: METRIC

Detailed Lithology		
From	To	Lithology
		<p>MINOR INTERVALS:</p> <p>Minor Interval: 477.39 - 479.91 PELT, pelite Pelitic gneiss with quartz-rich silicified sections; 20 cm early sheared breccia @ 479.1 m</p> <p>Minor Interval: 479.91 - 480.15 QZIT, quartzite Very silicified - possibly not sedimentary quartzite</p> <p>Minor Interval: 480.15 - 480.78 PELT, pelite Thin carbonate veins and veinlets</p> <p>Minor Interval: 480.78 - 481.36 QZIT, quartzite Pelitic Quartzite with light green sericite alteration/bleaching</p> <p>Minor Interval: 481.36 - 482.06 PELT, pelite</p> <p>Minor Interval: 482.06 - 482.25 QZIT, quartzite Pelitic Quartzite</p> <p>Minor Interval: 482.25 - 482.7 QZIT, quartzite</p>

DETAILED DIAMOND DRILL REPORT

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Units: METRIC

Detailed Lithology

From	To	Lithology
482.70	519.40	<p>CALC, calcsilicate -Pc1 - Lower Cahill calc-silicate</p> <p>MINOR INTERVALS: Minor Interval: 482.7 - 482.92 PELT, pelite Start of -Pc1 - Lower Cahill pelitic and calc-silicate rocks Minor Interval: 482.92 - 483.5 QZIT, quartzite Pelitic Quartzite Minor Interval: 483.5 - 489.01 QZPL, quartz rich pelite Minor Interval: 489.01 - 497.16 CALC, calcsilicate Calc-pelite Minor Interval: 497.16 - 497.83 MARB, marble Altered porphyroblastic marble; porphyroblasts of garnet altered to light green sericite) Minor Interval: 497.83 - 500.09 CALC, calcsilicate Calc-pelite Minor Interval: 500.09 - 500.69 MARB, marble Porphyroblastic calc-silicate marble Minor Interval: 500.69 - 504.03 CALC, calcsilicate Calc-pelite Minor Interval: 504.03 - 504.13 MARB, marble 90% carbonate; 10% chlorite possibly after diopside? Minor Interval: 504.13 - 512.7 CALC, calcsilicate Calc-pelite; garnetiferous Minor Interval: 512.7 - 515.65 MGPE, moderate gf metapelite Moderately graphitic pelitic gneiss; fault zone; sheared brecciated fault gouge ~ 3 m core length; strongly chloritic fault with graphite pyrite calcite and quartz Minor Interval: 515.65 - 519.4 CALC, calcsilicate Gneissic calc-pelite; finer grained; garnetiferous with rare weak graphite parallel to foliation planes; foliation at 78 degrees to core axis (flat)</p>

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
3.000	12.300		2		HE	MTC	10.0	
3.000	12.300		2	G	CY	PERV	45.0	
3.000	12.300		1		LI	FOL	20.0	
3.000	12.300		2		HE	BIR	30.0	
3.000	12.300		3	W	CY	FOL	10.0	
3.000	12.300		1		CL	MTC	5.0	
3.000	12.300		2		LI	STRT	10.0	
3.000	12.300		2	W	CY	STRT	40.0	
12.300	13.100		2		LI	FOL	10.0	
12.300	13.100		1		HE	MTC	5.0	
12.300	13.100		2	G	CL	MTC	90.0	
12.300	13.100		2	R	HE	STRT	15.0	
13.100	15.150		2	R	HE	MTC	90.0	
13.100	15.150		2	G	CL	MTC	5.0	
13.100	15.150		1	W	CY	STRT	10.0	
15.150	17.700		2	W	CY	STRT	15.0	
15.150	17.700		2	R	HE	STRT	60.0	
15.150	17.700		1	G	CY	MTC	10.0	
15.150	17.700		2	G	CL	MTC	75.0	
15.150	17.700		1		HE	MTC	10.0	
15.150	17.700		2	R	CH	MTC	10.0	
17.700	21.850		2		LI	PERV	70.0	
17.700	21.850		3	R	HE	STRT	70.0	
17.700	21.850		2	R	HE	FOL	70.0	
17.700	21.850		2		GO	STRT	30.0	
21.850	24.950		2	R	HE	STRT	80.0	
21.850	24.950		1		LI	FOL	30.0	
21.850	24.950		2	G	CL	MTC	25.0	
21.850	24.950		2	R	HE	MTC	50.0	
21.850	24.950		1		GO	STRT	20.0	
21.850	24.950		2		LI	STRT	60.0	
24.950	28.750		1	G	CY	MTC	30.0	
24.950	28.750		2	R	HE	FBLB	5.0	
24.950	28.750		2	R	HE	STRT	15.0	
24.950	28.750		2		LI	STRT	60.0	
24.950	28.750		3	R	HE	FOL	80.0	
24.950	28.750		2	G	CL	MTC	60.0	
28.750	30.000		2	N	CL	STRT	100.0	

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Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
28.750	30.000		3	B	HE	STRT	5.0	
28.750	30.000		1	B	HE	PERV	15.0	
28.750	30.000		2		LI	STRT	5.0	
28.750	30.000		3	G	CL	MTC	80.0	
28.750	30.000		2	Y	SE	MTC	100.0	
28.750	30.000		3		QZ	BX	100.0	
30.000	35.600		1		PY	STRT	0.5	
30.000	35.600		2		LI	FRAC	75.0	
30.000	35.600		2	G	CL	MTC	100.0	
30.000	35.600		3	R	HE	STRT	15.0	
30.000	35.600		2		QZ	STRT	100.0	
30.000	35.600		2	R	HE	FOL	7.0	
30.000	35.600		2		DQZ	VUG	100.0	
30.000	35.600		3	G	CL	STRT	70.0	
35.600	47.300		1	G	SE	MTC	10.0	
35.600	47.300		3	G	CL	STRT	30.0	
35.600	47.300		3		PY	DISS	2.0	
35.600	47.300		2		PY	FOL	15.0	
35.600	47.300		2	R	CH	MTC	3.0	
35.600	47.300		2	T	SE	MTC	5.0	
35.600	47.300		3	G	CL	MTC	80.0	
35.600	47.300		1	G	CL	MTC	5.0	
35.600	47.300		2		QZ	STRT	95.0	
47.300	51.040		2	R	CH	MTC	30.0	
47.300	51.040		2	R	HE	FOL	2.0	
47.300	51.040		3	G	CL	MTC	20.0	
47.300	51.040		3	C	MI	MTC	100.0	
47.300	51.040		2		PY	DISS	10.0	
47.300	51.040		1	G	CL	MTC	20.0	
47.300	51.040		2	G	CL	MTC	80.0	
47.300	51.040		1	B	HE	BIR	4.0	
51.040	56.500		3	B	HE	STRT	10.0	
51.040	56.500		2	G	SE	MTC	1.0	
51.040	56.500		2		QZ	LENS	30.0	
51.040	56.500		3	G	CL	MTC	95.0	
51.040	56.500		2	N	CL	STRT	80.0	
51.040	56.500		3	R	CH	MTC	8.0	
51.040	56.500		3		PY	DISS	5.0	

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Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
51.040	56.500		2	B	HE	BIR	10.0	
51.040	56.500		3	N	CL	MTC	100.0	
56.500	61.070		2	R	HE	FOL	5.0	
56.500	61.070		3	B	HE	STRT	10.0	
56.500	61.070		3	R	HE	STRT	20.0	
56.500	61.070		2	N	CL	STRT	80.0	
56.500	61.070		2		QZ	LENS	20.0	
56.500	61.070		2		PY	FOL	5.0	
56.500	61.070		3	N	CL	MTC	5.0	
56.500	61.070		3	B	HE	MTC	20.0	
56.500	61.070		3	G	CL	MTC	45.0	
56.500	61.070		3	B	HE	BIR	15.0	
56.500	61.070		3	G	SE	MTC	20.0	
56.500	61.070		2	Y	SE	MTC	2.0	
61.070	63.550	G	1	Y	SE	MTC	10.0	
61.070	63.550	G	3	G	CL	MTC	90.0	
63.550	83.650	G	1	W	CB	VN	0.3	
63.550	83.650	G	1	W	QZ	VN	0.5	
63.550	83.650	G	1	A	QZ	LENS	5.0	
63.550	83.650	G	2	Y	SE	MTC	15.0	
63.550	83.650	G	3	R	HE	FRAC	0.5	
63.550	83.650	G	3	R	HE	FOL	7.0	
63.550	83.650	G	2	Y	SE	STRT	3.0	
63.550	83.650	G	3	G	CL	PERV	100.0	
83.650	116.950	G	3	Y	PY	VN	0.1	
83.650	116.950	G	1	I	CB	VN	0.1	
83.650	116.950	G	1	W	CB	VN	0.2	
83.650	116.950	G	2	G	SE	BN	2.0	
83.650	116.950	G	3	T	MU	BN	15.0	
83.650	116.950	G	3	R	HE	FRAC	8.0	
83.650	116.950	G	2	R	HE	FOL	50.0	
83.650	116.950	G	3	G	CL	PERV	85.0	
116.950	165.870	G	1	W	QZ	VN	3.0	
116.950	165.870	G	1		BH	BN	3.0	
116.950	165.870	G	3	Y	SE	MTC	5.0	
116.950	165.870	G	3	G	CL	MTC	10.0	
116.950	165.870	G	1	A	MU	MTC	25.0	
116.950	165.870	G	1	O	HE	PERV	60.0	

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Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
116.950	165.870	G	3	R	HE	FOL	5.0	
116.950	165.870	G	2	R	HE	FRAC	0.5	
116.950	165.870	G	3	R	HE	BLOT	10.0	
116.950	165.870	G	3	G	CL	PERV	35.0	
165.870	188.250	F	3	N	CL	MTC	30.0	
165.870	188.250	F	2		BH	PERV	10.0	
165.870	188.250	F	2		BH	FRAC	0.5	
165.870	188.250	F	2	I	DQZ	VUG	0.1	
165.870	188.250	F	1	A	QZ	VN	0.5	
165.870	188.250	F	1	G	CL	MTC	2.0	
165.870	188.250	F	2	W	MU	FOL	15.0	
165.870	188.250	F	2	Y	SE	MTC	50.0	
165.870	188.250	F	2		BH	PERV	90.0	
165.870	188.250	F	3	A	MU	MTC	75.0	
188.250	193.800	Y	2	Y	SE	MTC	20.0	
188.250	193.800	Y	1		MU	FOL	5.0	
188.250	193.800	Y	3	G	CL	MTC	10.0	
188.250	193.800	Y	2	Y	SE	MTC	20.0	
188.250	193.800	Y	3	A	MU	PERV	70.0	
193.800	198.550	G	3	B	MI	MTC	35.0	
193.800	198.550	G	3	G	CL	PERV	65.0	
198.550	201.800	Y	3	Y	SE	FRAC	5.0	
198.550	201.800	Y	1		BH	PERV	90.0	
198.550	201.800	Y	3	G	CL	MTC	70.0	
198.550	201.800	Y	3	Y	SE	MTC	70.0	
198.550	201.800	Y	3	B	MU	MTC	25.0	
201.800	211.950	G	3	Y	SE	MTC	5.0	
201.800	211.950	G	3	A	MU	MTC	40.0	
201.800	211.950	G	3	N	CL	MTC	70.0	
201.800	211.950	G	1	A	SI	PB	15.0	Faiser kiesel
211.950	215.300	Y	2	A	MU	FOL	25.0	
211.950	215.300	Y	1		SIL	PERV	60.0	
211.950	215.300	Y	1	B	SE	MTC	60.0	
211.950	215.300	Y	1		BH	PERV	75.0	
215.300	218.750	Y	1		SI	PB	15.0	Sillimanite faiser kiesel
215.300	218.750	Y	3	A	MU	MTC	90.0	
215.300	218.750	Y	3	G	SE	STRT	10.0	
215.300	218.750	Y	3	N	CL	MTC	80.0	

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
218.750	237.900	Y	3	W	CY	GG	5.0	
218.750	237.900	Y	2		BH	STRT	75.0	
218.750	237.900	Y	3	G	CL	MTC	35.0	
218.750	237.900	Y	1	A	MU	MTC	10.0	
218.750	237.900	Y	3	W	QZ	VN	5.0	Quartz-rich pegmatite
218.750	237.900	Y	3	N	CL	MTC	15.0	
218.750	237.900	Y	3	G	SE	STRT	75.0	
237.900	240.900	Y	2	G	SE	MTC	5.0	
237.900	240.900	Y	2	A	MU	MTC	20.0	
237.900	240.900	Y	2	N	CL	MTC	15.0	
237.900	240.900	Y	1	R	CY	MTC	50.0	
237.900	240.900	Y	1		BH	BN	70.0	
240.900	273.200	G	1	R	CY	MTC	30.0	
240.900	273.200	G	1		SIL	BN	55.0	
240.900	273.200	G	2		PY	DISS	0.1	
240.900	273.200	G	2	A	MU	MTC	40.0	
240.900	273.200	G	3	N	CL	BN	15.0	
240.900	273.200	G	3	N	CL	MTC	60.0	
273.200	291.200	G	3	A	MU	PERV	10.0	
273.200	291.200	G	3	G	CL	PERV	35.0	
273.200	291.200	G	1	A	MU	FOL	10.0	
273.200	291.200	G	1	N	CL	INT	1.0	
273.200	291.200	G	2		BH	PERV	65.0	
291.200	298.500	T	3	A	MU	MTC	15.0	
291.200	298.500	T	1	Y	SE	MTC	5.0	
291.200	298.500	T	3	G	CL	PERV	20.0	
291.200	298.500	T	3	R	HE	FRAC	1.0	
291.200	298.500	T	3	R	HE	BLOT	5.0	Also parallel to foliation
291.200	298.500	T	3	R	HE	BN	55.0	
298.500	347.000	T	2	Y	SE	INT	10.0	
298.500	347.000	T	1	A	MU	MTC	5.0	
298.500	347.000	T	3	R	HE	FRAC	2.0	
298.500	347.000	T	3	R	HE	BLOT	5.0	
298.500	347.000	T	3	G	CL	PERV	30.0	
347.000	356.500	Y	1	G	CL	FRAC	20.0	
347.000	356.500	Y	3	A	MU	STRT	10.0	
347.000	356.500	Y	3	N	CL	STRT	3.0	
347.000	356.500	Y	3	G	CL	PERV	50.0	

DETAILED DIAMOND DRILL REPORT

MYRA FALLS PROJECT

Hole Number: **MRD-0102**

Units: METRIC

Alteration

Depth From	Depth To	Strat	Intense	Colour	Alttype	Distrib	Pct	Comments
356.500	375.500	G	1	N	CL	FRAC	0.5	
356.500	375.500	G	1	W	CB	VN	1.0	
356.500	375.500	G	1	W	QZ	VN	5.0	
356.500	375.500	G	3	G	CL	PERV	100.0	
375.500	387.250	F	1	G	CL	MTC	30.0	
387.250	387.400	Y	2	N	CL	FRAC	10.0	
387.250	387.400	Y	3	Y	SE	PERV	100.0	
387.400	413.400	G	3	G	CL	MTC	20.0	
413.400	413.700	Y	2	G	SE	PERV	90.0	
413.700	435.250	G	3	R	HE	BN	5.0	
413.700	435.250	G	3	G	CL	MTC	25.0	
446.050	446.550	F	1	G	SE	MTC	20.0	
446.550	497.150	F	1		PY	VN	2.0	Also at vein selvage
446.550	497.150	F	1	W	CB	VN	0.5	
446.550	497.150	F	3	W	QZ	VN	1.5	
497.150	500.700	F	2	Y	SE	MTC	35.0	
500.700	512.500	F	2	W	CC	VN	35.0	
512.500	515.600	Y	3	A	QZ	STRT	75.0	
512.500	515.600	Y	2	W	CB	STRT	70.0	
512.500	515.600	Y	1	A	GF	GG	10.0	
512.500	515.600	Y	3	N	CL	GG	85.0	
515.600	519.400	F	1	W	QZ	VN	5.0	
515.600	519.400	F	2	W	CC	VN	20.0	

Interval Structure**Lithology Details****Mineralization****Mineralogy**