

**Melkior Resources Inc.
2010 Drill Results**

Hole #	From (m)	To (m)	Length (m)	Gold (g/t)	Host Rock	Area	Press Release
CAR-28-2010	350.85	351.45	0.6	5.1	Quartz-pyrite veins in granite	1010	February 26 2010
CAR-29-2010	147.6	148.25	0.65	17.28	Quartz-pyrite vein in granite	1010	
CAR-29-2010	223.75	236.15	12.4	0.92	Series of pyrite stringers in QFP	1010	
Including	234	236.15	2.15	2.56			
CAR-29-10	276.35	277.3	0.95	2.31	Pyrite stringers in granite	1010	
CAR-32-2010	294.35	296	1.65	1.41	Quartz vein associated with fault	ZamZam	April 6 2010
CAR-32-2010	343.7	344.2	0.5	1.78	Pyrite-carbonate veinlets hosted in mafic volcanics	ZamZam	
CAR-32-2010	450.5	453	2.5	5.84	Pyrite veins/stringers zone with ankerite alteration (10-15% pyrite)	ZamZam	
Including	451.2	451.8	0.6	14.1			
CAR-33-2010	356	358.1	2.1	1.12	Pyrite veins/stringers zone with ankerite alteration (10-15% pyrite)	ZamZam	
Including	357.3	358.1	0.8	3.42			
CAR-33-2010	408.85	409.35	0.5	3.73	Pyrite veins/stringers zone with ankerite silica alteration (10-15% pyrite)	ZamZam	
CAR-33-2010	477.1	477.9	0.8	1.78	2-3% pyrite in carbonate stringers	ZamZam	
CAR-33-2010	504.6	505.1	0.5	2.93	2cm thick pyrite-quartz-calcite vein; semi-massive pyrite	ZamZam	
CAR-33-2010	578.65	579.15	0.5	2.96	Calcite-pyrite stringers	ZamZam	
CAR-33-2010	639.4	640	0.6	1.51	Pyrite stringer network	ZamZam	
CAR-33-2010	662.75	663.25	0.5	1.15	Quartz vein (3cm-thick); 1% pyrite; tr Visible Gold (VG) hosted in QFP	ZamZam	
CAR-33-2010	679.4	680	0.6	2.46	2cm thick quartz-pyrite vein; (semi-massive pyrite)	ZamZam	
CAR-33-2010	685	685.8	0.8	4.12	5-10% pyrite stringers and veinlets	ZamZam	
CAR-34-2010	274.6	275.25	0.65	2.42	Mafic volcanic	ZamZam	May 6th 2010
CAR-34-2010	294.2	294.8	0.6	1.07	Mafic volcanic	ZamZam	
CAR-34-2010	300.4	300.9	0.5	4.99	Mafic volcanic	ZamZam	
CAR-34-2010	343.55	345.8	2.25	3.26	Mafic volcanic	ZamZam	
Including	343.55	344.25	0.7	8.58			
CAR-34-2010	509.5	510.2	0.7	1.47	Mafic volcanic	ZamZam	
CAR-38-2010	351	354	3	0.7	Contact granite-mafic volcanic; hematization + jasper	ZamZam	
CAR-38-2010	363.8	364.5	0.7	2.63	Mafic volcanic	ZamZam	
CAR-38-2010	432.4	433	0.6	1.58	Mafic volcanic	ZamZam	
CAR-38-2010	453	453.5	0.5	2.25	Mafic volcanic	ZamZam	
CAR-38-2010	513	513.5	0.5	1.93	Mafic volcanic	ZamZam	
CAR-38-2010	570.95	582.35	11.4	0.72	QFP + pyrite stringers	ZamZam	
Including	570.95	574.5	3.55	1.83			
CAR-39-2010	23.45	23.95	0.5	2.67	Granite	South of Shenkman	

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CAR-40-2010	43.9	44.4	0.5	2.47	Granite	South of Shenkman	
CAR-40-2010	157.75	159.6	1.85	1.2	Granite	South of Shenkman	
CAR-35-2010	21.3	22	0.7	1.08	QFP	South of Shenkman	
CAR-35-2010	27.8	30.15	2.35	1.6	Granite	South of Shenkman	
Including	29.3	30.15	0.85	3.01			
CAR-41-2010	111.7	112.2	0.5	1.39	1-2% pyrite stringers/veinlets	ZamZam	May 20th 2010
CAR-41-2010	123.25	123.8	0.55	1.73	Quartz pyrite vein, ZamZam vein	ZamZam	
CAR-41-2010	167.45	168.05	0.6	1.22	5cm thick semi-massive pyrite vein	ZamZam	
CAR-41-2010	189.95	191.8	1.85	1.73		ZamZam	
Including	189.95	190.45	0.5	1.74	12cm thick quartz pyrite vein + sheared zone, 1-2% pyrite	ZamZam	
Including	191.3	191.8	0.5	4.39	10cm thick quartz pyrite vein (10% pyrite)	ZamZam	
CAR-44-2010	68.3	76	7.7	0.18	Includes anomalous veinlets	ZamZam	
Including	74.8	75.3	0.5	2.69	Quartz pyrite veins	ZamZam	
CAR-44-2010	348	358	10	0.19	Includes anomalous veinlets	ZamZam	
Including	348.9	350	1.1	1.03	Quartz pyrite vein	ZamZam	
CAR-45-2010	64.7	70.7	6	1.46	Includes anomalous veinlets	ZamZam	
Including	68.65	69.85	1.2	7.21		ZamZam	
Including	69.35	69.85	0.5	12.7		ZamZam	
CAR-45-2010	176.25	178.65	2.4	0.52		ZamZam	
CAR-45-2010	181.55	184.5	2.95	21.42		ZamZam	
Including	182.55	183.2	0.65	5.22		ZamZam	
Including	183.2	183.75	0.55	107.5		ZamZam	
CAR-43-2010	59.5	60	0.5	1.22	3cm thick quartz pyrite vein, 5% pyrite	Shenkman	
CAR-43-2010	103.2	103.7	0.5	2	Series of cm-thick quartz-pyrite veins; up to 5% pyrite	Shenkman	
CAR-43-2010	112.2	115.25	3.05	1.01		Shenkman	
Including	112.2	112.75	0.55	2.03	4cm thick quartz pyrite vein, 5% pyrite	Shenkman	
Including	114.75	115.25	0.5	2.84	Local pyrite carbonate quartz vein	Shenkman	
CAR-43-2010	144	157.75	13.75	1.3	Includes anomalous veinlets	Shenkman	
Including	144.85	145.5	0.65	1.18		Shenkman	
Including	150.8	151.3	0.5	31.9	9cm thick quartz pyrite vein	Shenkman	
CAR-43-2010	179.6	180.1	0.5	1.14	QFP, 2-3% pyrite	Shenkman	
CAR-43-2010	218.1	218.8	0.7	1.26	Local 5% pyrite	Shenkman	
CAR-42-2010	531.65	536	4.35	1.24	Vesicular mafic volcanics	ZamZam	

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Including	535.3	536	0.7	5.95	Pyrite stringers	ZamZam	June 15 2010	
CAR-42-2010	562.4	563.65	1.25	16.04	Mafic volcanic	ZamZam		
Including	563.15	563.65	0.5	39.8	5cm thick quartz-pyrite vein, 10% pyrite	ZamZam		
CAR-42-2010	682.2	682.9	0.7	1.17	Semi massive pyrite vein	ZamZam		
CAR-46-2010	23.25	28.8	5.55	0.4	QFP + pyrite stringers	Shenkman		
Including	23.25	24.05	0.8	1.04		Shenkman		
CAR-46-2010	63.65	64.15	0.5	1.48	Granite (Pyrite stringers)	Shenkman		
CAR-46-2010	98.85	99.8	0.95	26.1	Granite (thick quartz-pyrite veins)	Shenkman		
CAR-46-2010	111	111.5	0.5	1.21	Granite (Pyrite stringers)	Shenkman		
CAR-48-2010	65.5	66.5	1	0.94	QFP	Shenkman		
CAR-48-2010	122.3	122.8	0.5	1.14	Pyrite-carbonate vein	Shenkman		
CAR-48-2010	138.5	139	0.5	1.88	Quartz-pyrite vein	Shenkman		
CAR-48-2010	161.5	162	0.5	1.91	Quartz-pyrite-chlorite vein	Shenkman		
CAR-48-2010	199.4	226.5	27.1	0.24	QFP	Shenkman		
Including	224	225.3	1.3	1.01				
CAR-48-2010	264.5	287.15	22.65	0.6	QFP+pyrite stringers and veins	Shenkman		
Including	273.65	276.15	2.5	1.51				
Including	285	285.5	0.5	10.9	Quartz-pyrite vein	Shenkman		
CAR-47-2010	325.85	331.65	5.8	2.87	Pyrite veins/veinlets; with mafic xenoliths	Shenkman		July 23 2010
Including	328.8	329.5	0.7	8	Pyrite-quartz veins	Shenkman		
CAR-47-2010	402.4	403	0.6	1.47	Pyrite stringers in QFP	Shenkman		
CAR-47-2010	440	440.6	0.6	4.1	Pyrite-carbonate vein in mafic volcanic	Shenkman		
CAR-47-2010	464.5	465	0.5	1.72	Quartz-pyrite vein 5-10%	Shenkman		
CAR-51-2010*	323	334	11	1.79	Series of pyrite veins hosted in mafic xenoliths	Shenkman		
Including	324.55	325.05	0.5	19.45				
CAR-51-2010	387	388.75	1.75	1.52	Series of fine chlorite-pyrite stringers	Shenkman		
CAR-51-2010	419.8	420.5	0.7	2.58	2-3% pyrite in matrix of quartz breccia vein	Shenkman		
CAR-49-2010	87.4	88.05	0.65	1.75	Quartz-pyrite vein, 5% pyrite	Shenkman		
CAR-49-2010	176.2	176.7	0.5	2.8	Quartz-pyrite vein, 5% pyrite	Shenkman		
CAR-50-2010	104.8	105.6	5.2	0.55	High density of quartz-pyrite veinlets; 2-3% pyrite; granite hosted	Shenkman		
Including	104.8	105.6	0.8	1.81		Shenkman		
CAR-56-2010	80.35	81.55	1.2	7.65		Shenkman		
Including	80.35	80.85	0.5	17.7		Shenkman		

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CAR-56-2010	97.75	98.25	0.5	9.47		Shenkman	August 19 2010
CAR-56-2010	145	145.75	0.75	1.7		Shenkman	
CAR-56-2010	183.3	184	0.7	21.2		Shenkman	
CAR-56-2010	303.15	303.65	0.5	2.31		Shenkman	
CAR-56-2010	310.45	311.45	1	0.91		Shenkman	
CAR-57-2010	61.1	62	0.9	4.76		ZamZam	
CAR-57-2010	146.8	148	1.2	1.74		ZamZam	
CAR-57-2010	188.9	190.5	1.6	28.25		ZamZam	
Including	188.9	189.4	0.5	89.5		ZamZam	
CAR-57-2010	364.5	365	0.5	1.71		ZamZam	
CAR-57-2010	368.2	368.7	0.5	0.91		ZamZam	
CAR-57-2010	397.2	401.65	4.45	0.78		ZamZam	
CAR-57-2010	417.9	420.7	2.8	0.74		ZamZam	
CAR-57-2010	454.9	455.4	0.5	1.12		ZamZam	
CAR-52-2010	466	466.5	0.5	1.63		Shenkman	
CAR-53-2010	39	39.5	0.5	1.56		Shenkman	
CAR-54-2010	157.8	158.4	0.6	3.31		Shenkman	
CAR-51-2010*	322	334	12	1.87		Shenkman	
CAR-58-2010	201.95	202.55	0.6	2.81	10% pyrite, host in granite	ZamZam	December 20 2010
CAR-58-2010	240	240.5	0.5	1.34	Pyrite vein	ZamZam	
CAR-58-2010	248.25	261.75	13.5	2.64	Intersection of mineralized zone	ZamZam	
Including	261.25	261.75	0.5	26.2			
CAR-59-2010	250	262.4	12.4	3.19	Intersection of mineralized zone	ZamZam	
Including	261.75	262.4	0.65	44.1			
CAR-60-2010	257.5	258.25	0.75	1.13	Altered granite	ZamZam	January 11 2011
CAR-60-2010	291	305.3	14.3	0.79	Zone with pyrite stringers and veins; hosted in mafic volcanic	ZamZam	
Including	291	291.75	0.75	11.75	Semi-massive pyrite	ZamZam	
CAR-61-2010	272	285.3	13.3	4.84	10% pyrite, host in granite	Shenkman	
Including	280.8	281.5	0.7	56			
CAR-38X-2010	690.75	691.25	0.5	5.67	Pyrite vein; 10-15% pyrite	ZamZam	
CAR-38X-2010	730.8	741.25	10.45	2.1	Zone with pyrite stringers and quartz-pyrite veins; hosted in mafi volcanic	ZamZam	
Including	737.78	741.25	3.47	4.35	Zone with pyrite stringers and veins; hosted in mafic volcanic	ZamZam	
CAR-38X-2010	810	819	9	0.73	Shear zone + pyrite veinlets and veins	ZamZam	



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Including	818.5	819	0.5	7.61	Pyrite vein	ZamZam	February 1 2011
CAR-42X-2010	704.8	716.75	11.95	1.04	Several quartz and pyrite veins/stringers	ZamZam	
CAR-42X-2010	761.7	762.3	0.6	7.88	Semi-massive pyrite vein	ZamZam	
CAR-62-2010	23.25	24	0.75	4.6	Pyrite vein; hosted in granite	ZamZam	
CAR-62-2010	72	76.25	4.25	3.5	Massive and semi-massive pyrite veins; hosted in granite	ZamZam	
Including	73.5	74	0.5	22.7			
CAR-62-2010	300.7	301.35	0.65	1.49	Shear zone + pyrite veinlets hosted in granite	ZamZam	
CAR-62-2010	430.5	431	0.5	2.2	5-7% pyrite as veinlets and stringers; hosted in granite	ZamZam	
CAR-62-2010	582.7	583.3	0.6	3.57	5% disseminated pyrrhotite and 1% chalcopyrite; hosted in mafic volcanics	ZamZam	
* Additional assaying increased CAR-51-2010 (first reported on July 23rd, 2010) from 1.79 g/t over 11 metres to 1.87 g/t over 12 metres (August 19th, 2010)							