

## PROJECT

**PROPERTY:**

Easting	Northing	Elev.	Depth (m)
0652007	6710220	788	154.53

**HOLE: BR-07-03**

Contractor: TOP RANK DIAMOND DRILLING LTD.  
Drill: JKS-300

Core size:	BTW		
Casing depth:	9.14	(m)	out

Drilling dates: June 19 - June 20, 2007

Logged by: Ryan Preston, Martin Nunez

Target: To test NW trending VTEM conductor with a strike that correlates with the barite horizon mapped by Cominco .

## SUMMARY

[illegible]

## SAMPLES

Numbers: C386301-C386319

Total: 19  
Date sent:

## COMMENTS

PROPERTY: Bar

HOLE: BR-07-03

Struct.		LITHOLOGY								ALT.		MINERALS			SAMPLES							Blocks			GEOTECHNICAL				JOINTS						
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier						From (m)	To (m)	Interval (m)	Sample					From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																									(m)	Percent	(m)	Percent							
		0.00	2.13	2.13				Notes:														0.00	2.13	2.13	0.10	5	0.00	0							
		2.13	5.18					Pale green AND														2.13	5.18	3.05	0.31	10	0.00	0							
		5.18	7.51					Diortite														5.18	8.23	3.05	1.32	43	0.21	7							
																						8.23	11.28	3.05	2.57	89	0.32	12							
		7.51	8.65					Clast supported 1 matrix coarse BK-WH														11.28	12.02	0.74	0.72	97	0.13	18							
								Pebble CONG. W. oxidized LI filled FR's														12.02	14.33	2.31	2.24	97	1.32	57							
																						14.33	17.37	3.04	3.03	100	0.35	12							
		8.65	17.37					Interbedded GY SLT + 3cm bands of														17.37	17.52	0.15	0.15	100	0.10	67							
LA	72							GRIT; local 5mm infill FR. W. F.G PY														17.52	20.42	2.90	2.89	100	0.84	29							
								13.08-13.67														20.42	22.69	2.27	2.23	98	0.54	24							
								12cm BULL Qz flood followed by 0.47m														22.69	23.47	0.78	0.77	99	0.29	35							
								of angular pebble CONG w. local														23.47	26.52	3.05	2.87	94	1.09	36							
								matrix infilling Py; infill F.G S														26.52	28.06	1.54	1.54	100	0.98	64							
																						28.06	29.57	1.51	1.51	100	0.47	31							
		17.37	22.52					FR'd SLT w. local interbedded GRIT +														29.57	32.61	3.04	3.04	100	1.14	38							
								Pebble CONG. Unit bears Qz fill FR														32.61	33.60	0.99	0.87	88	0.00	0							
LA	78							w. F.G. Py occurring as matrix infill														33.60	35.66	2.06	1.82	88	0.00	0							
								infill exclusive to GRITS + CONG														35.66	38.71	3.05	3.01	99	1.83	60							
								20.42-21.65														38.71	38.90	0.19	0.19	100	0.00	0							
								ANG Pebble CONG, 40% min w.														38.90	41.76	2.86	2.85	100	1.55	54							
								massive F.G. Py + 10% min. w. Ba														41.76	44.47	2.71	2.71	100	1.45	54							
								Fw contact 12cm of Ma Ba contacts														44.47	44.81	0.34	0.34	100	0.00	0							
								flooded + irregular														44.81	47.84	3.04	2.98	100	0.72	24							
								21.65-22.52														47.85	49.96	2.11	2.02	98	1.01	48							
								SLT w. infill FR of Py + Ba FR 10% Ma.														49.96	50.90	0.94	0.89	96	0.28	30							
		22.52	23.76			SLT		GY Ma SLT														50.90	53.95	3.05	2.92	95	1.13	37							
																						53.55	54.43	0.48	0.46	96	0.11	23							
		23.47	24.76			CONG		23.47-24.76														54.43	57.00	2.57	2.46	96	1.53	60							
								ANG Pebble CONG w. matrix infill Py														57.00	60.05	3.05	3.03	96	2.29	75							
								grades into Py filled FR. SLT; no Ba														60.05	63.09	3.04	3.02	99	2.24	74							
																						63.09	65.50	2.41	2.28	95	1.01	42							
		24.76	39.78			SLT		GY Ma SLT														65.50	66.14	0.64	0.60	94	0.56	88							
																						66.14	69.19	3.05	2.99	98	2.74	90							
																						69.19	71.09	1.90	1.90	100	1.28	67							
LA	80							27.80-28.21														71.09	72.24	1.15	1.15	100	1.10	96							
								Semi MA Py in SLT														72.24	75.29	3.05	2.97	97	1.89	62							
								35.85-35.94														75.29	76.89	1.60	1.60	100	1.46	91							
								Granular GRIT														76.89	78.33	1.44	1.44	100	0.82	57							
								37.71-37.76														78.33	81.38	3.05	3.05	100	2.82	92							
								10% infill Py														81.38	82.65	1.27	1.26	99	1.19	94							
																						82.65	84.43	1.78	1.76	99	1.38	78							
C	72	39.78	40.74			CONG		ANG Pebble CONG														84.43	87.48	3.05	2.97	97	1.57	51							
																						87.48	87.77	0.29	0.28	97	0.28	97							
		40.74	64.44			SLT		Local 2cm sections of infill Ba from														87.77	90.53	2.76	2.69	97	2.56	93							
LA	62							HW - 42.12; local sections of FR. Infill														90.53	93.47	2.94	2.94	100	2.88	98							
								Py; unit 5-7% min. w. Py occurring as														93.47	93.57	0.10	0.10	100	0.00	0							
								FR. Infill														93.57	96.62	3.05	2.99	98	2.99	98							
								48.65-48.93														96.62	99.13	2.51	2.51	100	2.51	100							
								Ma Py w. Ba BL														99.13	99.67	0.54	0.54	100	0.54	100							
								56.92-57.34														99.67	102.72	3.05	2.99	98	1.89	62							
								Zone on Wo filled Fr.														102.72	104.99	2.27	2.24	99	2.11	93							
								61.56-61.76														104.99	105.77	0.78	0.77	99	0.77	99							
								Ma BL of Py														105.77	108.81	3.04	3.04	100	2.59	85							
																						108.81	110.32	1.51	1.47	97	1.10	73							

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Struct.		LITHOLOGY							ALT.		MINERALS			SAMPLES						Blocks			GEOTECHNICAL				JOINTS										
		From (m)	To (m)	Interval (m)	Type	Unit	Texture	Modifier												From (m)	To (m)	Interval (m)	Sample	From (m)	To (m)	Intvl. (m)	REC		RQD		Weathering	Hardness	Frequency	Attitude	Shape	Roughness	Infilling
																											(m)	Percent	(m)	Percent							
		64.44	72.79			LST		Notes:									110.32	111.86	1.54	1.50	97	1.34	87														
LA	65							TN GY SLT LST w. regular Py filled									111.86	114.91	3.05	2.04	100	2.72	89														
								DISS. FR. Occuring approx 40° to C/A									114.91	116.02	1.11	1.11	100	1.11	100														
		72.79	75.94					Interbedded DK GY MST LST w. OR									116.02	117.96	1.94	1.94	100	1.86	96														
LA	62							oxid Sid? Rotted Py? Beds									117.96	121.01	3.05	3.04	100	2.89	95														
																	121.01	121.92	0.91	0.91	100	0.46	51														
		75.94	91.23					TN GY SLT LST Ank?; Rel un min with									121.92	124.05	2.13	2.13	100	1.56	73														
								local bands of Su Qz									124.05	127.10	3.05	3.04	100	2.47	81														
								78.04-78.33									127.10	127.61	0.51	0.51	100	0.42	82														
								GRIT BD w. replacement Ba + semi Ma Py									127.61	130.15	2.54	2.54	100	2.13	84														
								78.99-79.16									130.15	133.20	3.05	3.04	100	2.53	83														
								Ma Py									132.20	133.45	0.25	0.25	100	0.20	80														
																	133.45	136.25	2.80	2.80	100	2.76	99														
LA	45							75.94-89.23									136.25	139.29	3.04	3.04	100	2.88	95														
								Rel un min w. exception of above									139.29	142.34	3.05	3.05	100	2.23	73														
								89.23-91.23									142.34	145.19	2.85	2.85	100	2.33	82														
								Local sections of Ma In Py w. occ. BL									145.19	145.39	0.20	0.20	100	0.20	100														
								of Ba, Py is fine grained occurring as FR									145.39	148.44	3.05	3.05	100	3.03	99														
								infill.									148.44	151.05	2.61	2.61	100	2.24	86														
		91.23	99.67					GY SLT w. reg internal FR sets occuring									151.05	151.49	0.44	0.44	100	0.44	100														
LA	55							55° to C/A									151.49	154.53	3.04	3.04	100	2.87	94														
																	EOH																				
		99.67	104.50					LST w. BC + PA of SU Qz + Py approx																													
								7% min																													
LA	70							Unit fairly uniform and MA																													
								102.72-FW																													
								Unit bears oxid Qz filled FR's w. cores																													
								of Py; oxidation of Py at depth?																													
		104.50	110.58					MST bearing rip up clasts of TN LST,																													
								upper contact gradational; MA; Rip-up																													
								clasts of GRIT occ.																													
		110.58	115.49					Transitional interbedded LST+MST																													
								114.71-114.96																													
								10% min w. Py in FR fillings																													
LA	65	115.49	154.53					SLT-MA w. occ. Minor BDS of GRIT +																													
								GR DK GY minor Qz VTs w. weak Suc																													
								Qz + Ox w. Py core.																													
		154.53	EOH																																		