



Coordinate System  
 Projection Transverse Mercator  
 Central Meridian 29  
 Datum WGS 84

**Legend**

- BH
- Spring
- Surface Water
- Eskom Bravo property boundary
- Ash dump facility footprint
- Pe Karoo Ecce (Shale sandstone)
- Cpd Dwyka (tillite and shale)
- Di Dolerite sill
- Vr Pretoria group quartzites and Shale

1:50 000  
 2526 Geology Map

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**Eskom Holdings (Ltd.)**

BASELINE WATER QUALITY POINTS

**Surface Geology and Sample Points**

Date: June 2008

Map 1



Table 1: Summary of sampling points

BH/Site No.	Latitude	Longitude	Field Measurements			Date	Time	Comments
			SWL	pH	EC (mS/cm)			
10490-01	-25.91899	28.92437	X	X	X	12-01-2009	X	Destroyed by construction
10490-04	-25.92390	28.916 05	X	X	X	09-02-2009	X	Inaccessible due to construction and mud
10490-05	-25.92580	28.920 13	0.77	6.46	0.21	25-03-2009	14H40	Sampled
10490-07	-25.91360	28.916 19	X	X	X	X	X	Not found, possibility of closed by rubbles
10490-08	-25.90990	28.917 59	19.88	5.56	0.06	25-03-2009	12H40	Sampled
10490-09	-25.92740	28.916 64	0.92	6.72	0.03	25-03-2009	11H45	Sampled
10490-10	-25.92740	28.89600	0.48	7.24	0.10	25-03-2009	10H07	Sampled
10490-19	-25.93870	28.907 92	X	X	X	X	X	Borehole collapsed, replaced by 10490-17
10490-17	-25.93989	28.90533	X	X	X	25-03-2009	X	Not sampled, bees in the borehole
10490-21	-25.94276	28.92275	X	X	X	X	X	Borehole collapsed, not sampled
10490-23	-25.99263	28.929 03	3.46	5.23	0.00	25-03-2009	13H55	Sampled
10490-24	-25.92230	28.932 73	X	X	X	25-03-2009	X	Destroyed by construction
10490-25	-25.92330	28.883 93	1.30	7.32	0.30	25-03-2009	16H35	Sampled
10490-27	-25.91280	28.932 32	4.63	6.18	0.04	25-03-2009	13H22	Sampled
BH 2	-25.90260	28.906 75	X	X	X	X	X	Not sampled, bees in the borehole
BH 6	-25.93286	28.93286	3.25	6.62	0.11	25-03-2009	11H10	Sampled
BH 10	-25.93438	28.93154	X	X	X	X	X	Borehole not found.
BH 11	-25.95020	28.931 47	X	6.24	0.08	23-03-2009	11H10	Submersible pump installed, grab sample
BH 24	-25.90000	28.899 45	X	6.70	0.12	23-03-2009	16H55	Windmill in working conditions, sampled
BH 25	-25.90450	28.893 34	4.31	5.66	0.07	24-03-2009	09H58	Sampled
BH 27 (LGW-B4)	-25.93319	28.94313	2.54	6.44	0.01	25-03-2009	15H18	Sampled
BH 30 (LGW-B11)	-25.91610	28.95413	1.58	6.24	0.06	25-03-2009	17H51	Sampled
Spring 1	-25.90230	28.93680	X	6.56	0.09	24-03-2009	13H00	Sampled
Spring 2	-25.88930	28.93372	X	5.93	0.04	24-03-2009	13H25	Sampled
Spring 6	-25.94760	28.927 97	X	6.57	0.40	23-03-2009	11H45	Sampled
Spring 11	-25.93110	28.93460	X	6.14	0.06	23-03-2009	14H53	Sampled
Spring 12	-25.94236	28.91466	X	6.38	0.07	23-03-2009	12H15	Sampled
SW 1	-25.92000	28.883 06	X	6.68	0.21	25-03-2009	16H15	Sampled
SW 2	-25.8533	28.868 47	X	7.04	0.23	24-03-2009	14H15	Sampled
SW 3	-25.88810	28.889 15	X	7.36	0.15	23-03-2009	16H15	Sampled
SW 4	-25.89090	28.892 69	X	6.95	0.10	23-03-2009	17H50	Sampled
SW5	-25.89207	28.89458	X	7.14	0.28	23-03-2009	12H43	Sampled