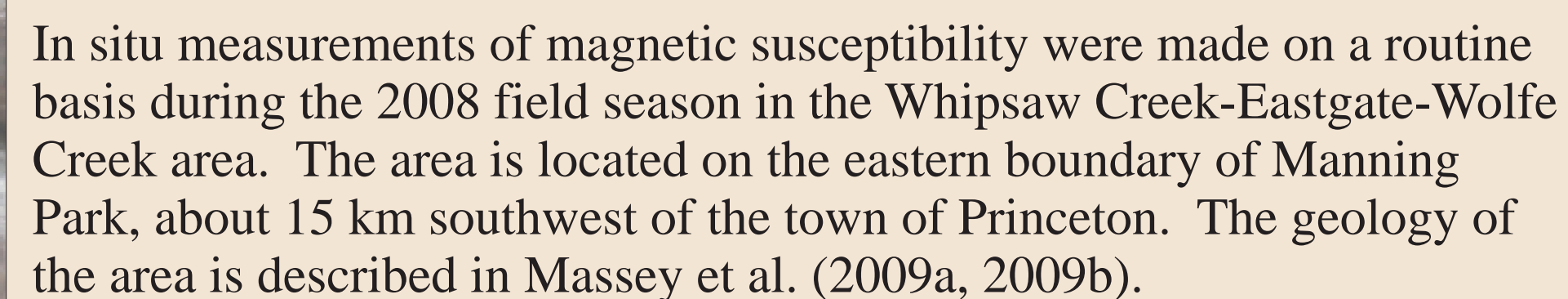




In situ magnetic susceptibility measurements in the Whipsaw Creek-Eastgate-Wolfe Creek area, southern British Columbia (NTS 092H/01W, 02E, 07E, 08W)



The measurements were made using a Exploranium KT-9 kappameter. Ten individual readings were taken, scattered over the outcrop at each locale, and the average recorded. Data for each station is tabulated in the accompanying MS Excel file and summarized by stratigraphic unit in Table 1 and Figure 1.

Map unit	Maximum	Percentiles					Minimum	Number of readings
		95%	75%	50%	25%	5%		
EPv	36.60	25.71	14.50	8.55	4.13	0.20	0.00	139
EPs	35.40	15.28	8.62	4.76	0.12	0.05	0.03	47
EPw	6.26	6.01	5.00	2.20	0.09	0.07	0.06	6
EPif	14.60	5.24	1.81	0.33	0.09	0.02	0.00	49
EPI/m	64.70	22.18	12.90	5.96	0.49	0.09	0.06	34
KVqm	35.80	29.02	11.75	2.90	0.20	0.03	0.03	23
JKEgd	26.90	13.88	5.01	0.59	0.14	0.06	0.03	57
KEg	0.27	0.20	0.07	0.05	0.02	0.01	0.01	8
TrCd	115.00	99.81	70.60	32.20	1.97	0.44	0.40	39
Tri	43.50	43.22	14.83	1.18	0.57	0.29	0.28	20
Trd	37.10	33.60	1.26	0.55	0.33	0.24	0.22	21
Tru	254.00	237.50	148.25	80.05	2.08	0.50	0.46	12
TrNs	2.30	1.12	0.49	0.35	0.25	0.13	0.09	71
TrNwc	81.90	24.82	2.43	0.55	0.28	0.12	0.06	47
TrNwd	24.80	17.22	5.88	1.50	0.39	0.14	0.08	72
TrNs	0.75	0.61	0.43	0.32	0.24	0.14	0.07	31
TrNvs	0.70	0.63	0.44	0.38	0.23	0.13	0.07	38
TrNv	1.63	0.64	0.51	0.45	0.32	0.16	0.12	40
TrNv'	17.70	0.71	0.51	0.45	0.35	0.21	0.13	104
TrMa	74.50	37.38	2.67	0.65	0.49	0.38	0.22	36
TrMq	105.00	36.07	8.17	0.66	0.23	0.03	0.01	74
TrMsv	70.40	40.30	0.58	0.36	0.16	0.06	0.05	61
Kfq	21.80	20.12	16.10	0.29	0.17	0.11	0.07	9

Table 1. Summary statistics of magnetic susceptibility measurements (10^3 SI units). Data grouped by stratigraphic units as in Figure 1 and in Massey et al. (2009b).

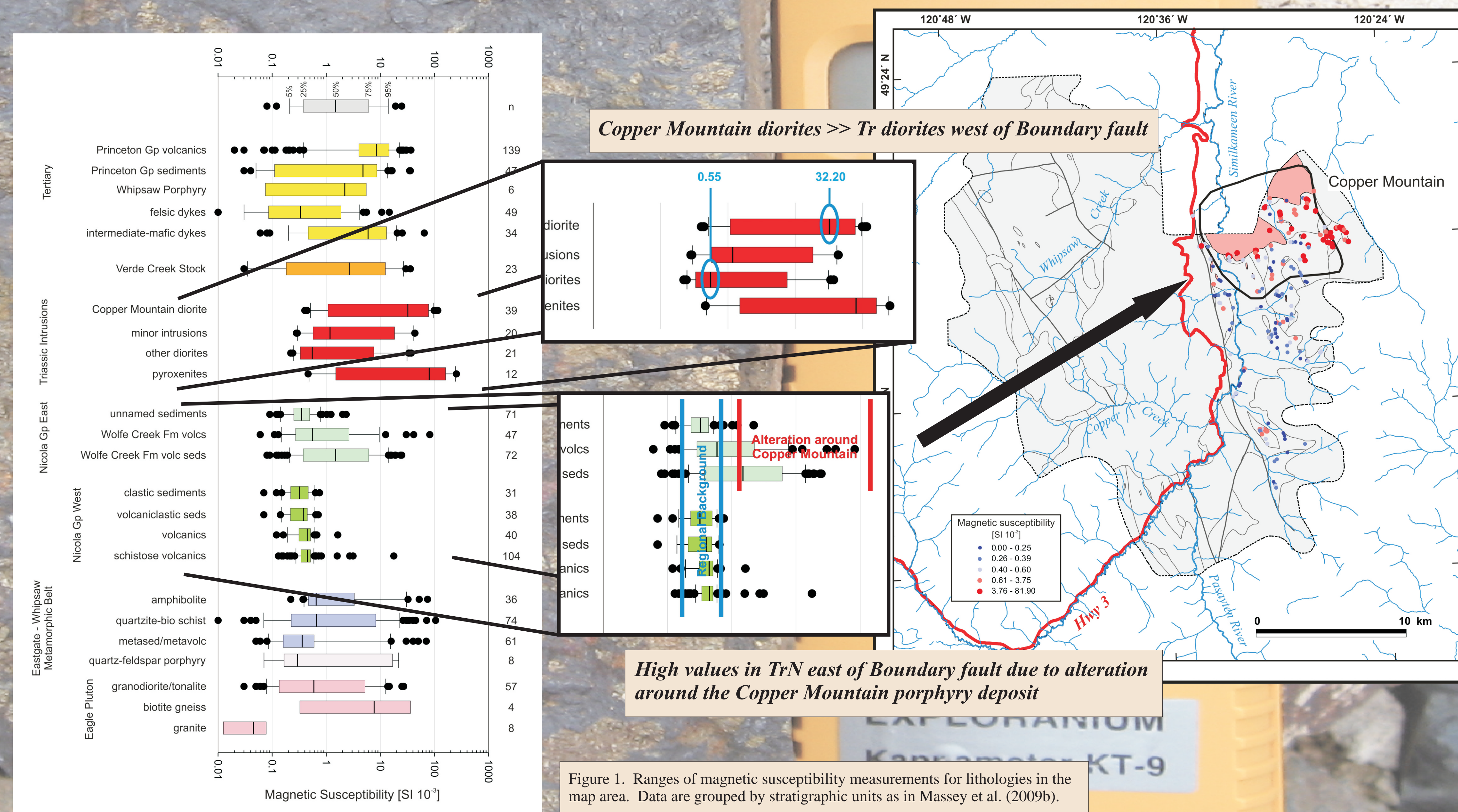


Figure 1. Ranges of magnetic susceptibility measurements for lithologies in the map area. Data are grouped by stratigraphic units as in Massey et al. (2009b).

Massey, N.W.D. , Vineham, J.M.S. and Oliver, S.L. (2009a): Southern Nicola Project: Whipsaw Creek-Eastgate-Wolfe Creek area, southern British Columbia, (NTS 92H/01W, 02E, 07E, 08W); in Geological Fieldwork 2008, *B.C. Ministry of Energy, Mines and Petroleum Resources*, Paper 2009-1, pages 189 - 204.

Massey, N.W.D. , Vineham, J.M.S. and Oliver, S.L. (2009b): Geology and mineral deposits of the Whipsaw Creek-Eastgate-Wolfe Creek area, British Columbia, (parts of NTS 92H/01W; 92H/02E; 92H/07E; 92H/08W); *B.C. Ministry of Energy, Mines and Petroleum Resources*, Open File 2009-8: 1:30 000-scale.

