TABLE 9

LINE ABUNDANCES OF HR 8118

Code	Species	Mult.	λ(Å)	log gf	Ref.	W_{eq}	log(N/N_T)	Code	Species	Mult.	λ(Å)	log gf	Ref.	W_{eq}	log(N/N_T)
6.01	C II	4	3918.97	−0.53	WF	16	−3.12	24.01	Cr II	30	4884.61	−2.08	MF	35	−5.20
6.01	C II	4	3920.68	−0.23	WF	23	−3.09	24.01	Cr II	190	4901.62	−0.83	KX	28	−5.28
12.00	Mg I	2	5172.68	−0.38	WS	28	−4.98	24.01	Cr II	43	5232.50	−2.09	KX	34	−5.08
12.00	Mg I	2	5183.60	−0.16	WS	41	−4.93	24.01	Cr II	23	5246.77	−2.45	MF	25	−5.14
12.01	Mg II	5	3848.21	−1.59	WS	31	−4.42	24.01	Cr II	23	5249.44	−2.43	KX	25	−5.16
12.01	Mg II	10	4390.57	−0.53	WS	50	−4.65	24.01	Cr II	43	5308.44	−1.81	MF	46	−5.02
12.01	Mg II	9	4427.99	−1.21	WS	18	−4.55	24.01	Cr II	43	5310.70	−2.28	MF	29	−5.03
13.01	Al II	2	4663.05	−0.28	FW	25	−5.47	25.00	Mn I	2	4033.06	−0.62	MF	24	−5.29
14.01	Si II	1	3853.66	−1.44	LA	64	−4.66	25.00	Mn I	2	4034.48	−0.81	MF	9	−5.63
14.01	Si II	1	3856.02	−0.49	LA	120	−4.78	25.00	Mn I	16	4754.04	−0.09	MF	3	−5.69
14.01	Si II	1	3862.59	−0.74	LA	95	−4.85	25.01	Mn II	I	4136.90	−1.29	KX	17	−5.49
14.01	Si II	3.01	4075.45	−1.40	SG	19	−4.38	25.01	Mn II	I	4184.45	−1.95	KX	12	−5.01
14.01	Si II	3	4130.89	0.53	LA	123	−4.54	25.01	Mn II	7	4244.25	−2.39	KX	9	−5.11
14.01	Si II	5	5041.02	0.29	SG	81	−4.47	25.01	Mn II	I	4251.73	−1.06	KX	17	−5.69
16.01	S II	44	4145.06	0.23	KX	6	−4.33	25.01	Mn II	2	4260.46	−4.25	KX	11	−4.94
16.01	S II	44	4153.07	0.62	WS	8	−4.51	25.01	Mn II	I	4478.64	−0.95	KX	14	−5.69
16.01	S II	44	4162.66	0.78	WS	13	−4.31	25.01	Mn II	I	4702.73	−2.34	KX	9	−4.72
16.01	S II	9	4815.55	0.18	WM	6	−4.78	25.01	Mn II	I	4730.40	−2.15	KX	13	−5.13
16.01	S II	7	5032.43	0.18	WS	12	−4.30	25.01	Mn II	I	4755.72	−1.24	KX	37	−5.27
20.01	Ca II	1	3933.66	0.13	WM	249	−6.18	25.01	Mn II	I	4806.82	−1.56	KX	13	−5.69
21.01	Sc II	7	4246.82	0.24	LD	89	−7.03	25.01	Mn II	I	5177.65	−1.77	KX	18	−4.97
22.01	Ti II	34	3900.54	−0.45	MF	75	−6.13	25.01	Mn II	I	4238.79	−3.63	KX	14	−5.43
22.01	Ti II	34	3913.46	−0.53	MF	75	−6.07	26.00	Fe I	45	3815.84	0.23	N4	31	−4.79
22.01	Ti II	31	3932.02	−1.78	MF	33	−6.08	26.00	Fe I	4	3859.91	−0.71	N4	27	−4.73
22.01	Ti II	87	4028.34	−1.00	MF	42	−6.25	26.00	Fe I	43	4132.06	−0.68	N4	26	−3.96
22.01	Ti II	105	4163.64	−0.40	MF	57	−6.05	26.00	Fe I	152	4187.04	−0.55	N4	19	−3.87
22.01	Ti II	33	4227.33	−2.36	KX	11	−6.20	26.00	Fe I	152	4187.80	−0.55	N4	12	−4.13
22.01	Ti II	20	4287.87	−2.02	MF	26	−6.05	26.00	Fe I	152	4198.30	−0.72	N4	7	−4.21
22.01	Ti II	41	4290.22	−1.12	MF	72	−5.62	26.00	Fe I	522	4199.10	0.16	N4	29	−3.97
22.01	Ti II	19	4294.09	−1.11	MF	66	−5.85	26.00	Fe I	152	4222.21	−0.97	N4	9	−3.85
22.01	Ti II	41	4300.04	−0.77	MF	78	−5.77	26.00	Fe I	693	4227.43	0.27	N4	12	−4.50
22.01	Ti II	41	4301.92	−1.16	MF	51	−6.24	26.00	Fe I	152	4250.12	−0.41	N4	17	−4.07
22.01	Ti II	41	4307.87	−1.29	MF	57	−5.92	26.00	Fe I	42	4250.79	−0.71	N4	15	−4.28
22.01	Ti II	41	4312.86	−1.16	MF	50	−6.25	26.00	Fe I	42	4271.76	−0.16	N4	17	−4.80
22.01	Ti II	104	4386.85	−1.26	MF	28	−5.95	26.00	Fe I	41	4383.54	0.20	N4	30	−4.79
22.01	Ti II	51	4394.06	−1.59	MF	20	−6.58	26.00	Fe I	41	4404.75	−0.14	N4	22	−4.64
22.01	Ti II	19	4395.03	−0.66	MF	73	−6.07	26.00	Fe I	554	4736.77	−0.75	N4	6	−3.84
22.01	Ti II	61	4395.84	−2.17	MF	14	−6.19	26.00	Fe I	318	4920.50	0.07	N4	13	−4.47
22.01	Ti II	61	4409.52	−2.57	KX	12	−5.89	26.00	Fe I	383	5232.94	−0.06	N4	24	−3.93
22.01	Ti II	115	4411.07	−1.06	MF	20	−6.11	26.00	Fe I	1146	5383.37	0.65	N4	11	−4.39
22.01	Ti II	40	4417.71	−1.43	MF	46	−6.10	26.00	Fe I	686	5586.76	−0.14	N4	15	−3.89
22.01	Ti II	19	4450.48	−1.45	MF	32	−6.46	26.01	Fe II	127	3845.18	−2.29	KX	17	−4.73
22.01	Ti II	31	4468.49	−0.60	MF	68	−6.28	26.01	Fe II	29	3872.77	−3.32	KX	31	−4.18
22.01	Ti II	31	4501.27	−0.75	MF	65	−6.25	26.01	Fe II	173	3906.04	−1.83	N4	32	−4.22
22.01	Ti II	50	4533.96	−0.77	MF	80	−5.63	26.01	Fe II	38	3935.96	−1.86	N4	36	−4.05
22.01	Ti II	41	4563.76	−0.96	MF	64	−6.02	26.01	Fe II	3	3938.29	−4.07	N4	21	−4.24
22.01	Ti II	82	4571.97	−0.53	MF	73	−5.95	26.01	Fe II	190	3938.97	−1.85	N4	24	−4.26
22.01	Ti II	59	4657.20	−2.15	MF	18	−6.07	26.01	Fe II	28	4122.67	−3.38	N4	25	−4.36
22.01	Ti II	92	4779.98	−1.37	MF	26	−6.20	26.01	Fe II	27	4233.17	−1.81	N4	87	−4.05
22.01	Ti II	82	4805.09	−1.10	MF	40	−6.11	26.01	Fe II	27	4273.33	−3.34	N4	37	−3.98
22.01	Ti II	114	4874.01	−0.79	MF	18	−6.45	26.01	Fe II	28	4296.57	−3.01	N4	46	−4.06
22.01	Ti II	114	4911.20	−0.34	MF	29	−6.57	26.01	Fe II	27	4303.18	−2.61	N4	53	−4.27
22.01	Ti II	86	5129.16	−1.39	MF	26	−6.25	26.01	Fe II	27	4351.77	−2.08	N4	58	−4.64
22.01	Ti II	86	5185.90	−1.35	MF	36	−6.04	26.01	Fe II	J	4357.58	−2.10	KX	8	−4.52
22.01	Ti II	7	5188.69	−1.21	MF	43	−6.16	26.01	Fe II	27	4385.39	−2.57	N4	52	−4.28
24.00	Cr I	7	5208.43	0.16	MF	21	−5.20	26.01	Fe II	27	4416.83	−2.60	N4	43	−4.52
24.01	Cr II	129	3911.32	−2.06	KX	17	−5.18	26.01	Fe II	37	4489.18	−2.97	N4	40	−4.20
24.01	Cr II	183	3979.50	−0.73	KX	44	−5.40	26.01	Fe II	37	4491.40	−2.70	N4	39	−4.49
24.01	Cr II	19	4051.93	−2.19	KX	41	−5.34	26.01	Fe II	38	4508.29	−2.21	N4	52	−4.60
24.01	Cr II	26	4072.56	−2.41	KX	36	−4.94	26.01	Fe II	37	4515.34	−2.48	N4	55	−4.23
24.01	Cr II	165	4082.28	−1.23	KX	25	−5.60	26.01	Fe II	37	4520.22	−2.60	N4	41	−4.55
24.01	Cr II	26	4132.42	−2.35	KX	13	−5.64	26.01	Fe II	38	4522.63	−2.03	N4	58	−4.60
24.01	Cr II	162	4145.78	−1.16	KX	45	−5.09	26.01	Fe II	38	4541.52	−3.05	N4	29	−4.41
24.01	Cr II	26	4179.42	−1.77	KX	39	−5.44	26.01	Fe II	37	4555.89	−2.29	N4	52	−4.52
24.01	Cr II	31	4275.57	−1.70	KX	56	−4.98	26.01	Fe II	38	4576.34	−3.04	N4	30	−4.41
24.01	Cr II	44	4554.99	−1.38	MF	62	−5.01	26.01	Fe II	37	4582.84	−3.10	N4	22	−4.56
24.01	Cr II	44	4588.20	−0.63	MF	87	−4.97	26.01	Fe II	38	4583.84	−2.02	N4	75	−4.11
24.01	Cr II	44	4592.05	−1.22	MF	63	−5.14	26.01	Fe II	D	4596.02	−1.84	N4	18	−4.25
24.01	Cr II	44	4616.63	−1.29	MF	63	−5.08	26.01	Fe II	38	4620.52	−3.28	N4	22	−4.38
24.01	Cr II	178	4697.60	−1.88	MF	15	−5.07	26.01	Fe II	37	4629.34	−2.37	N4	66	−4.01
24.01	Cr II	30	4812.34	−1.80	MF	42	−5.29	26.01	Fe II	186	4635.32	−1.65	N4	32	−4.12
24.01	Cr II	30	4848.23	−1.14	MF	65	−5.26	26.01	Fe II	28	4666.76	−3.33	N4	18	−4.47