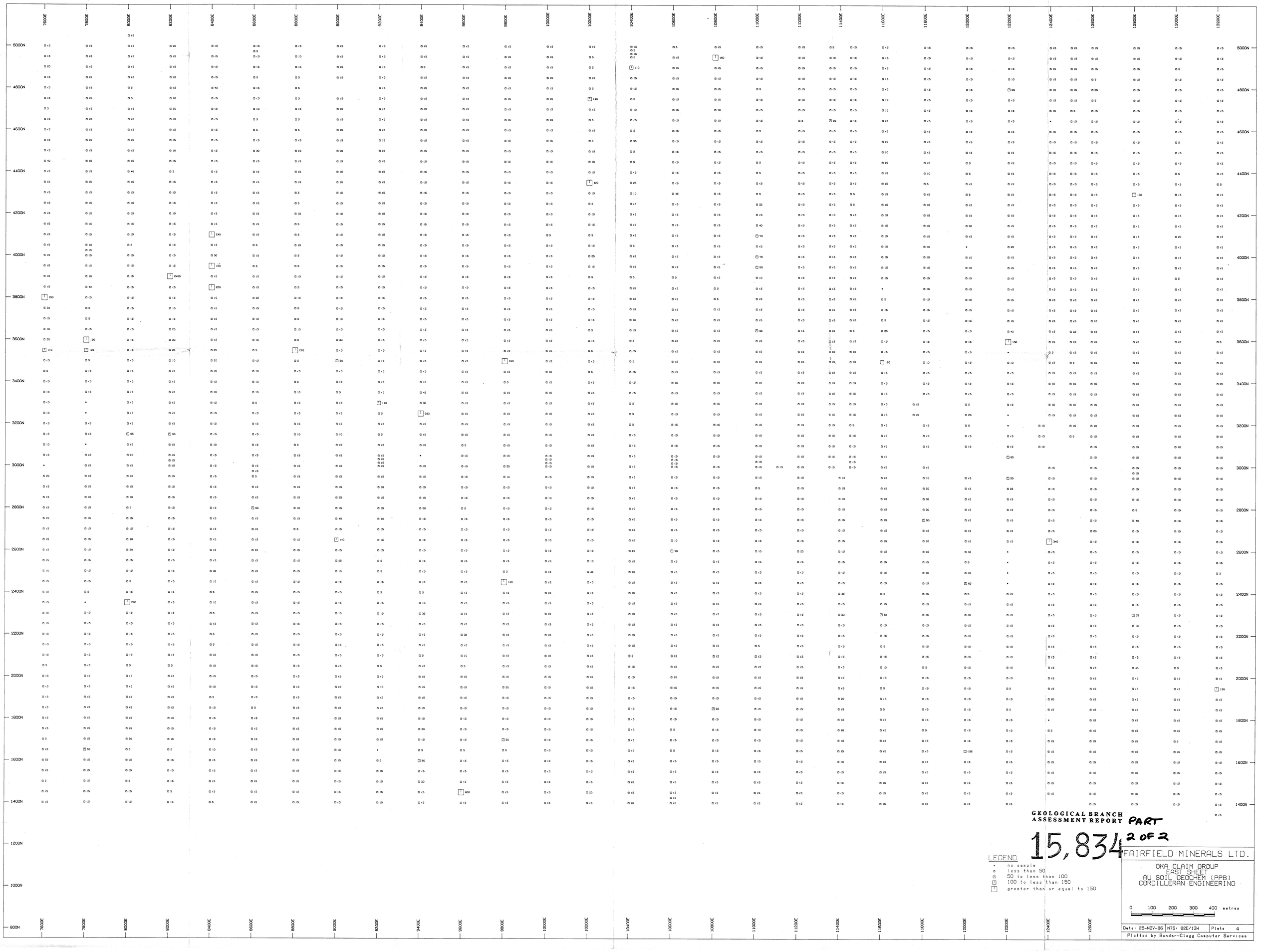


GEOLOGICAL BRANCH
ASSESSMENT REPORT PART

15,834 2 OF 2

FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
EAST SHEET
AU SOIL GEOCHEM (PPB)
CORDILLERAN ENGINEERING

Date: 25-NOV-86 | NTS: 82E/13W | Plate 4

Plotted by Bender-Clegg Computer Services

GEOLOGICAL BRANCH
ASSESSMENT REPORT PART

15,834 2 OF 2

LEGEND

- * no sample
- a less than 0.6
- [a] 0.6 to less than 0.9
- [1] 0.9 to less than 1.2
- [1] greater than or equal to 1.2

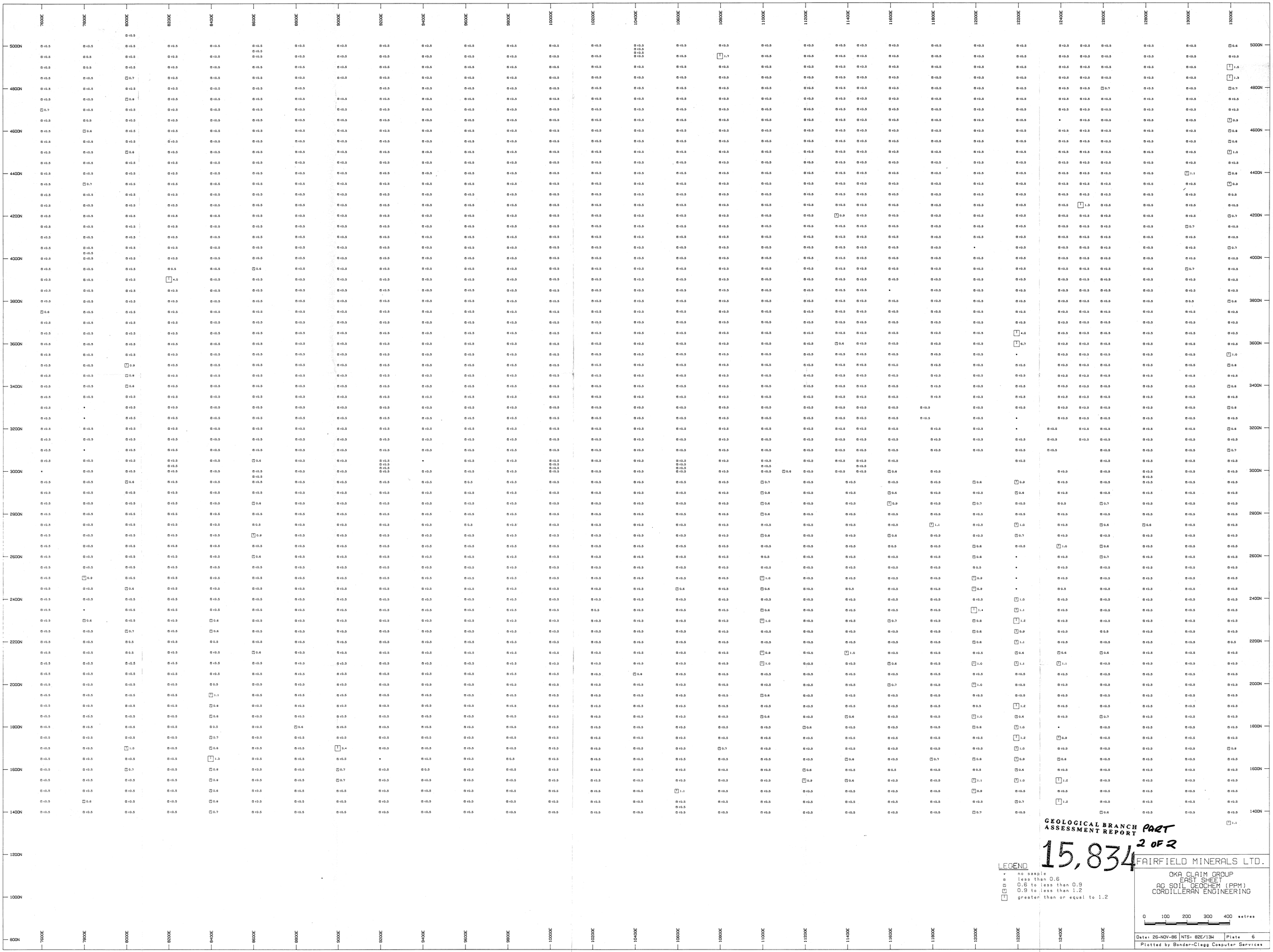
FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
WEST SHEET
AG SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 25-NOV-86 | NTS: 82E/13W | Plate 5

Plotted by Bondar-Clegg Computer Services


7600E 7800E 8000E 8200E 8400E 8598E 8798E 9000E 9200E 9400E 9598E 9798E 10000E 10200E 10400E 10600E 10800E 11000E 11200E 11400E 11600E 11800E 12000E 12200E 12400E 12600E
5000N 4800N 4600N 4400N 4200N 4000N 3800N 3600N 3400N 3200N 3000N 2800N 2600N 2400N 2200N 2000N 1800N 1600N 1400N 1200N 1000N 800N
LEGEND
• no sample
a less than 0.6
□ 0.6 to less than 0.9
□ 0.9 to less than 1.2
[1] greater than or equal to 1.2
GEOLOGICAL BRANCH ASSESSMENT REPORT PART 2 OF 2
15,834
FAIRFIELD MINERALS LTD.
OKA CLAIM GROUP
EAST SHEET
AG SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING
0 100 200 300 400 metres
Date: 26-NOV-86 NTS: 82E/13W Plate 6
Plotted by Bonder-Clegg Computer Services

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

PART 2 OF 2

LEGEND

- . no sample
- □ less than 60
- ⊡ 60 to less than 100
- [ ] 100 to less than 140
- [1] greater than or equal to 140

FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
WEST SHEET
CU SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 25-NOV-86 | NTS: 82E/13W | Plate 7

Plotted by Bondar-Clegg Computer Services

	7600E	7800E	8000E	8200E	8400E	8600E	8800E	9000E	9200E	9400E	9600E	9800E	10000E	10200E	10400E	10600E	10800E	11000E	11200E	11400E	11600E	11800E	12000E	12200E	12400E	12600E	12800E	13000E	13200E	
5000N	□6	□9	□10	□8	□10	□13 □14	□10	□18	□49	□7	□8	□11	□16	□10	□10 □10 □13	□10	□10	□14	□17	□12	□17	□16	□8	□25	□30	□20	□17	□14	□12	□12	□12	5000N
	□12	□11	□12	□24	□9	□8	□17	□20	□18	□8	□12	□10	□21	□16	□15	[1]168	□13	□14	□13	□10	□17	□7	□34	□15	□16	□11	□17	□13	□14	□10	□10	
	□13	□21	□24	□9	□10	[1]64	□16	□23	□20	□22	□14	□15	□9	□18	□9	□27	[1]75	□21	□23	□8	□23	□9	□14	□15	□16	□30	□21	□19	□29	□9	□27	□23	
	□11	□14	□11	□20	□11	[1]72	□12	□16	□10	□12	□11	□13	□13	□31	□12	□12	□44	□14	□36	□12	□52	□15	□16	□32	□30	□21	□19	□29	□9	□24	□10	□13	□9	4800N
4800N	□14	□12	□14	[1]120	□17	□12	□8		□9	□42	□23	□36	□19	□27	□18	□10	□33	□25	□18	□14	□10	□18	□12	□29	□40	□44	□9	□24	□10	□13	□9	
	□15	□9	□9	□15	□13	□11	□12	□13	□7	□8	□8	□9	□7	□11	□37	□20	□9	□49	□32	□46	□26	□11	□11	□7	□21	□9	□36	□18	[1]61	□17	□17	□9	
	□16	□10	□11	□12	□9	□10	□9	□8	□9	□9	□12	□11	□29	□14	□11	□24	□27	□27	□23	□24	□23	□12	□23	□27	□9	□24	□33	□15	□46	□9	□9	
	□3	□7	□15	□13	□20	□9	[1]69	□12	□10	□10	□20	□12	□36	□52	□21	□21	□36	□20	□33	□29	□18	□33	□20	□20	□17	*	□18	□39	□17	□20	□22	
4600N	□9	□10	□10	[1]76	[1]103	□14	□11	□11	□14	□6	□10	□5	□15	□20	□10	□6	□11	□37	□27	□18	□20	□51	□28	□14	□17	□9	□28	[1]66	□45	□8	□26	□34	4600N
	□13	□15	□9	□23	□24	□18	□15	□11	□32	□8	□6	□9	□16	□14	□17	□40	□34	□11	□17	□20	□51	□20	□15	□14	□16	□22	□18	□25	□16	□16		
	□15	□49	□15	□13	□10	□10	□12	□15	□10	□8	□7	□46	□16	□10	□12	□9	□28	□21	□30	□18	□32	□21	□15	□13	□18	□19	□16	□24	□12	□6	□7	
	□11	□10	□11	□16	□11	□19	□15	□12	□10	□9	□8	□24	□22	□12	□12	□6	□16	□9	□32	□31	□23	□30	□18	□23	□11	□17	□12	□13	□14	□9	□7	
4400N	□16	□11	□14	□10	□13	□11	□6	□12	□21	□9	□6	□16	□18	□16	□5	□13	□15	□17	□22	□29	□11	□39	□22	□25	□9	□8	□17	□9	□11	[1]79	□6	4400N
	□10	□9	□11	□15	□17	□7	□51	□16	□18	□16	□17	□6	□11	□21	□6	□14	□23	□15	□43	□32	□17	□20	□17	□20	□12	□11	□71	□15	□7	□17	□8	
	□44	□28	□11	□14	□17	□11	□18	□17	□5	□15	□12	□9	□11	□12	□15	□12	□12	□24	□22	□22	□24	□42	[1]65	□14	□11	□9	[1]60	□14	□5	□14	□9	
	□19	□19	□10	□24	□13	□9	□46	□13	□5	[1]93	□7	□10	□9	□21	□7	□16	□21	□17	□15	□30	□17	□19	□26	□14	□9	□14	[1]110	□7	□6	□22	□10	
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	□28	□18	□17	□9	□14	□8	□14	□12	□28	□8	□11	□11	□10	□11	□9	□21	□28	□7	□19	□34	□36	□22	□35	□23	□20	□10	□15	□9	□6	□13	□15	
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	□17	□24 □18	□24	□15	□13	□15	□17	□16	□13	□13	□7	□9	□11	□13	□8	□25	□15	□13	□27	□12	□42	□30	□35	*	□12	□9	□11	□40	□8	□7	□10	
4000N	□23	[1]63	□19	□38	□42	□18	□15	□12	□8	□10	□12	□21	□6	□15	□16	□19	□9	□14	□18	□24	□32	□48	□23	□36	□15	□14	□13	□26	□11	□24	□6	4000N
	□13	□50	□19	[1]77	□19	□17	□12	□14	□9	□11	□16	□24	□10	□17	□23	□23	□19	□21	□26	□24	□14	□48	□34	□19	□9	□10	□14	□22	□10	□14	□5	
	□20	□23	□29	[1]1980	□30	□16	□38	□16	□10	□12	□15	□11	□8	□14	□11	□10	□13	□9	□20	□27	□22	□18	□18	□17	□13	□11	□10	□28	□10	□10	□11	
	□16	□58	□23	□29	□34	□15	□35	□11	□12	□10	□11	□12	□17	□24	□11	□15	□13	□17	□21	□16	□23	*	□36	□15	□37	□12	□18	□16	□16	□7	□6	
3800N	□23	□47	□39	□35	□27	□19	□30	□17	□5	□12	□22	□19	□10	□14	□12	□16	□9	□18	□21	□29	□14	□38	□18	□13	□23	□14	□21	□43	□14	□5	□6	3800N
	□30	□34	□41	□42	□20	□20	□64	□14	□6	□12	□24	□14	□15	□17	□13	□12	□15	□9	□12	□20	□12	□26	□29	□17	[1]160	□18	□16	□39	□15	□8	□7	
	□18	□36	[1]68	[1]90	□22	□13	□20	□24	□11	□12	□17	□13	□14	□14	□16	□16	□17	□10	□21	□14	□7	□12	□38	[1]69	□36	□21	□29	[1]160	□21	□8	□14	
	□29	□39	-	[1]125	□17	□40	□23	□13	□8	□16	□21	□15	□14	□25	□13	□12	□9	□21	□17	□14	□6	□18	□10	□35	[1]433	□20	□20	□22	□18	□9	□6	
3600N	□38	□42	□	□55	□22	□21	□16	□11	□8	□19	□13	□24	□15	□21	□21	□12	□13	□11	□24	□15	□15	□11	□19	□15	[1]849	□23	□34	□36	□25	□11	□15	3600N
	□33	□41	□	[1]158	[1]90	□41	□21	□12	□24	□11	□11	□16	□23	□6	□9	□15	□11	□12	□18	□16	□12	□19	□21	*	□28	□35	□17	□46	□9	□11	
	□30	□30	□	[1]104	□52	□30	□13	□6	□19	□21	□7	□19	□32	□33	□18	□20	□21	□18	□25	□15	□9	□24	□21	□33	[1]90	□26	□27	□22	□15	□8	□18	
	□18	□20	□	[1]65	□33	[1]75	□12	□8	□24	□25	□10	□13	□9	□20	□34	□28	□37	□13	□27	□29	□11	□19	□13	□33	□16	□34	□41	□23	□15	□11	□10	
3400N	□19	□17	□	□15	□57	□48	□34	□13	□32	□33	□7	□13	□18	□36	□10	□16	□25	□16	□22	□27	□16	□31	□13	□23	□21	□19	□29	□24	□14	□6	□11	3400N
	□14	□20	□	[1]178	□33	□32	□9	□10	□28	[1]122	□9	□16	□27	□40	□19	□20	□35	□6	□18	□27	□11	□20	□28	□18	□21	□35	□17	□46	□9	□11	
	□22	*	□13	□19	□38	□30	□10	□14	[1]124	□26	□9	□16	□16	□49	□9	□13	□15	□31	□26	□48	□37	[1]73	□43	□24	□22	□48	□43	□23	□16	□9	□22	
	□25	*	□9	□19	□33	□30	□49	□15	[1]78	□20	□37	□29	□15	□32	□11	□30	□13	□25	□22	□56	□36	□38	[1]65	□23	*	□45	□30	□18	□15	□10	□17	
3200N	□19	□20	□16	□16	□27	□23	□36	□19	□56	□24	[1]139	□16	□46	□20	□8	□24	□21	□30	□30	□54	□10	□39	□50	□44	*	□7	□20	□16	□20	□8	□16	3200N
	□16	□29	□17	□25	□31	□18	□23	[1]71	□26	□39	[1]344	□16	□40	□25	□6	□34	□30	□15	□19	□26	□6	□49	□36	□11	□30	[1]47	□13	□15	□9	□21	
	□17	*	□9	□22	□24	□18	[1]61	□31	□46	□33	[1]251	□11	□49	□9	□11	□10	□24	□21	□16	□31	□13	□25	□51	□3	□11	□23		□14	□16	□6	□19	
	□9	□22	□15	□21 □23	□23	□23	□29	□31	□18 □27 □17	*	□36	□36	□28 □36 □29	□16	□11	□11 □9 □11	□15	□18 □11	□25	□33	□10 □14	□21			□34			□15	□17	□13		
3000N	*	□11	□14	□15	□21	□23 □19	□10	□23	□23	□13	□16	□42	□22	□25	□17	□13	□17	□37	□26	□18	□6	□25	□36			□13	□10	□14 □12	□9	□18	3000N
	□11	□14	□18	□26	□31	□13	□15	□7	□18	□17	□26	[1]281	□23	□40	□22	□12	□14	□6	□15	□11	□18	[1]68	□4	□15	□38	□14	□13	□7	□11		
	□10	□30	□25	□28	□15	□18	□13	□19	□10	□15	□15	□16	□22	□31	□18	□18	□18	□4	□17	□27	□18	[1]71	□1	□43	□13	□23	□19	□7	□12			
	□10	□13	□21	□18	□19	□17	□25	□10	□9	□17	□15	□11	□18	□16	□27	□12	□24	□9	□19	□30	□16	[1]222	□8	□23	□9	□25	□48	□13	□27			
2800N	□23	□14	□19	□14	□19	□19	□7	□16	□13	□33	□45	□38	□9	□15	□16	□11	□29	□21	□12	□12	□15	[1]90	□4	□13	□10	□53	□26	□10	□30	2800N		
	□23	□16	□21	□22	□23	□16	□17	□11	□16	□14	□14	□4	□12	□12	□22	□19	□39	□3	□17	□9	□12	[1]82	□10	□11	□11	□23	□37	□12	□20			
	□27	□14	□18	□15	□25	□14	□5	□10	□9	□12	□15	□9	□12	□20	□12	□18	□26	□28	□14	□15	□10	□36	□23	□6	□12	□29	□21	□43	□12			
	□36	□10	□1-	□14	□23	□18	□23	□9	□7	□15	□20	□21	□16	□8	□13	□40	□25	□6	□13	□15	□9	□47	□21	□6	□15	□23	□10	□8	□23			
2600N	□18	□13	□1-	□15	□31	□11	□46	□13	□9	□13	□16	□11	□12	□10	□11	□16	□19	□26	□28	□11	□16	□7	□30	[1]115	*	□13	□32	□18	□7	□15	2600N	
	□33	□11	□16	□28	□22	□11	[1]90	□8	□13	□10	□20	[1]91	□5	□20	□16	□19	□10	□11	□12	□8	□14	□24	□57	*	□14	□32	□16	□12	□13			
	□13	□17	□8	□15	□13	□35	□16	□12	□11	□8	□15	[1]198	□29	□37	□8	□10	□14	□9	□20	□15	□15	□54	□36	*	□14	□36	□16	□11	□11			
	□17	□10	□24	□13	[1]76	□10	□11	□12	□15	□8	□16	□35	□8	□15	□10	□11	□12	□9	□15	□22	□18	[1]60	□10	*	□24	□15	□19	□11	□13			
2400N	□19	□14	□25	□11	□50	□14	□14	□11	□12	□18	□11	□13	□17	□11	□27	□7	□25	□9	□27	□7	□32	□21	□14	□12	□23	□11	□13	2400N				
	□19	*	□14	□16	□14	□15	□24	□16	□9	□9	□16	□13	□14	□12	□11	□10	□13	□3	□17	□20	□5	□13	[1]92	□14	□22	□14	□17	□12	□10			
	□20	□11	□13	□11	□10	[1]133	□10	□17	□11	□18	□13	□13	□13	□11	□9	□12	□15	□16	□19	□20	□9	□17	□15	□31	□21	□18	□19	[1]112	□10			
	□10	□12	[1]92	□14	□23	□38	□8	□15	□15	□10	□6	□14	□15	□9	□14	□10	□21	□8	□12	□26	□9	□29	□15	□20	□24	□11	□25	□10	□9			
2200N	□20	□15	□20	□19	□15	□33	□11	□12	□7	□5	□11	□34	□10	□16	□29	□12	□9	□23	□17	□22	□4	[1]93	□20	□16	□10	□17	□14	2200N				
	□12	□23	□18	□15	□24	□26	□9	□11	□10	□11	□10	□10	□10	□23	□16	□24	□25	□14	□13	□18	□21	□22	□11	□37	□25	□14	□12	□25	□23			
	□6	□11	□12	□13	□10	□11	□12	□13	□12	□6	□9	□25	□21	□17	□11	□12	□14	□7	□8	□10	□19	□26	□9	□15	□28	□10	[1]62	□19	□20			
	□13	□14	□12	□13	□7	□12	□13	□14	□12	□16	□5	□16	□19	□11	□35	□8	□12	□6	□12	□11	□17	□17	□13	□36	□15	□17	□27	□14	□23			
2000N	□11	□27	□14	□14	□16	□12	□13	□9	□11	□31	□6	□14	□9	□23	□11	□11	□11	□10	□10	□4	□26	□15	□13	□21	□21	□16	2000N					
	□9	□11	□10	□15	□13	□13	□13	□9	□8	□13	□15	□34	□21	□3	□11	□6	□22	□17	□12	□12	□22	□24	□8	□48	□18	□10	□11	□18	□18			
	□14	□13	□11	□11	□14	□14	□10	□7	□16	□10	□16	□11	□13	[1]90	□17	□13	□16	□6	□21	□8	□11	□40	□15	□50	□28	□13	□19	□12	□33			
	□10	□13	□13	□14	□10	□19	□9	□14	□12	□14	□12	□10	□12	□11	□19	□14	□29	□14	□15	□10	[1]60	□10	□11	□33	□23	□15	□21	□18	□15			
1800N	□11	□13	□9	□18	□15	□11	□17	□16	□13	□5	□13	□49	□6	□19	□12	[1]97	□22	□12	□18	□12	□9	□16	□10	□43	*	□13	□16	□7	□23	1800N		
	□14	□13	□15	□18	□15	□14	□11	□16	□13	□10	□14	□14	□19	□22	□18	□21	□29	□21	□11	□9	□12	□19	□2	□16	[1]88	□9	□15	□6	□19			
	□11	□12	[1]118	□18	□12	□21	□5	□19	□9	□13	□13	□20	□15	□3	□10	□13	□21	□25	□14	□14	□9	□13	□9	□1	□50	□16	□14	□10	□46			
	□12	□9	□13	□12	□17	□13	□11	□8	*	□15	□9	□51	□12	□12	□15	□13	□27	□18	□22	□16	□13	□15	□2	□10	□54	□23	□11	□8	□37			
1600N	□7	□10	□32	□19	□13	□11	□13	□9	□11	□11	□25	□11	□47	□15	□20	□30	□19	□16	□9	□9	□18	□3	□11	□34	□23	□10	□11	□16	1600N			
	□7	□9	□23	□12	□14	□15	□9	□11	□15	□13	□19	□37	□9	[1]84	□48	□11	□24	□19	□25	□19	□11	□9	□16	□10	□44	□28	□22	□14	□22			
	□5	□13	□11	□13	□11	□12	□9	□13	□12	□13	□14	□14	□22	[1]96	□16	□19	[1]84	□12	□16	□10	□11	□16	□9	□6	□25	□22	□12	□6	□15			
	□11	□7	□15	□13	□12	□20	□21	□16	□13	□15	□6	□18	□26	□50	□25	□44 □23	□8	□15	□24	□15	□13	□16	□18	□10	□47	[1]239	□16	□10	□10			
1400N	□12	□32	□7	□16	□10	□15	□10	□11	□29	□14	□15	□12	□16	□20	□20	□18	□19	□16	□7	□17	□9	□13	□19	□12	[1]276	□17	□6	□14	□13	1400N		
1200N																																
1000N																																
800N	7600E	7800E	8000E	8200E	8400E	8600E	8800E	9000E	9200E	9400E	9600E	9800E	10000E	10200E	10400E	10600E	10800E	11000E	11200E	11400E	11600E	11800E	12000E	12200E	12400E	12600E	12800E	13000E	13200E	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

PART 2 OF 2

LEGEND

* no sample
□ less than 60
□ 60 to less than 100
□ 100 to less than 140
[1] greater than or equal to 140

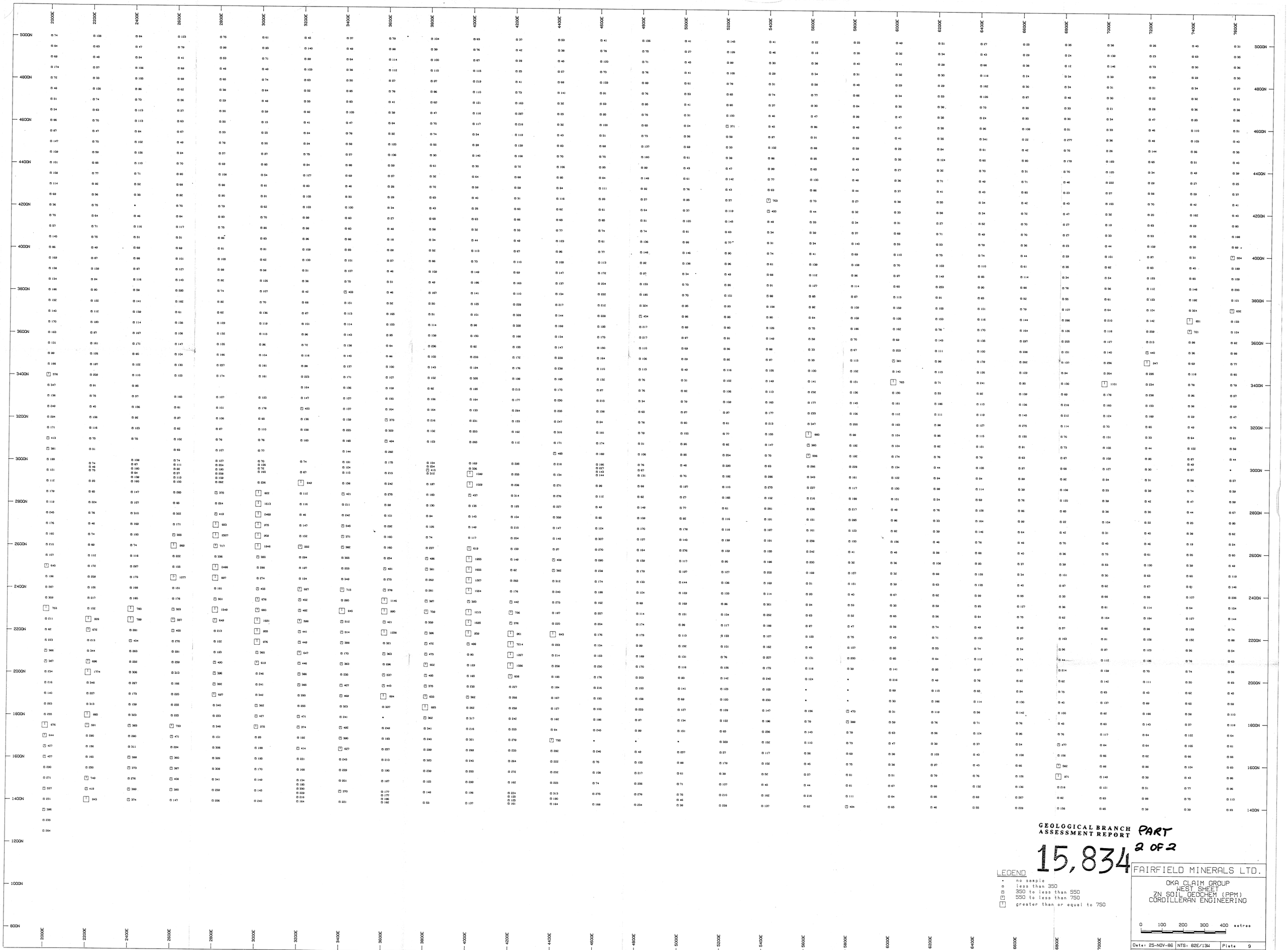
FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
EAST SHEET
CU SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 26-NOV-86	NTS: 82E/13W	Plate 8

Plotted by Bondar-Clegg Computer Services



GEOLOGICAL BRANCH ASSESSMENT REPORT PART 2 OF 2

15,834

LEGEND

- * no sample
- □ less than 350
- ⊡ 350 to less than 550
- T 550 to less than 750
- T greater than or equal to 750

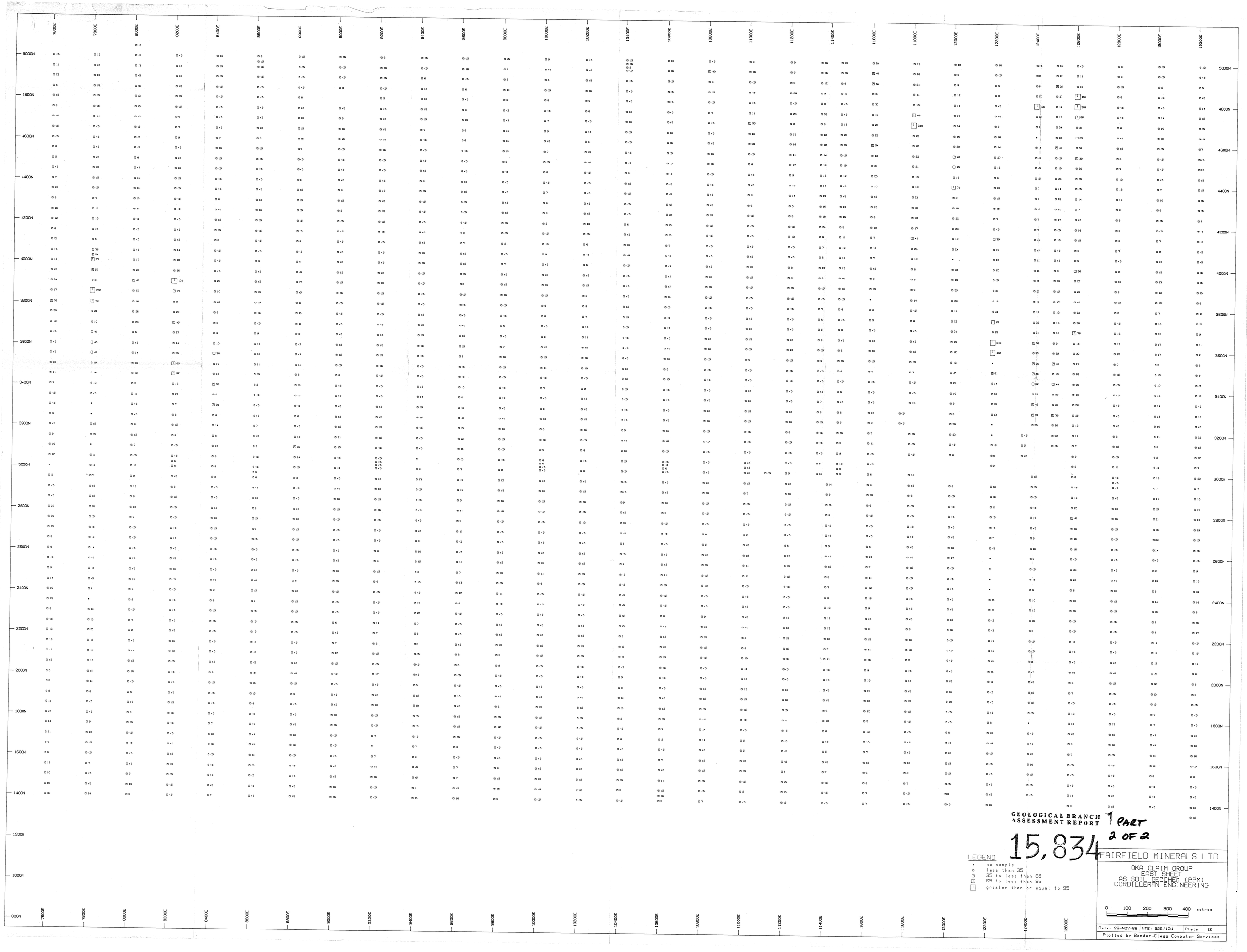
FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
WEST SHEET
ZN SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 25-NOV-86 | NTS: 82E/13W | Plate 9

Plotted by Bondar-Clegg Computer Services



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

PART 1
2 OF 2

LEGEND

- no sample
- less than 35
- 35 to less than 65
- 65 to less than 95
- greater than or equal to 95

FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
EAST SHEET
AS SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 26-NOV-86 | NTS: 82E/13W | Plate 12

Plotted by Bondar-Clegg Computer Services

	2000E	2200E	2400E	2600E	2800E	3000E	3200E	3400E	3600E	3800E	4000E	4200E	4400E	4600E	4800E	5000E	5200E	5400E	5600E	5800E	6000E	6200E	6400E	6600E	6800E	7000E	7200E	7400E	7600E	
5000N	<5	14	<5	5	21	<5	<5	<5	<5	<5	9	19	<5	<5	<5	12	11	12	5	<5	<5	<5	<5	10	<5	<5	<5	<5	<5	5000N
	8	8	<5	6	11	<5	13	<5	9	20	7	<5	<5	<5	8	<5	8	<5	<5	<5	7	15	7	<5	<5	12	19	<5	<5	11
	<5	8	<5	7	11	18	<5	<5	7	<5	7	23	<5	<5	8	<5	<5	<5	<5	<5	5	<5	24	<5	<5	12	19	<5	<5	23
	5	18	15	<5	22	13	15	<5	<5	<5	<5	16	<5	<5	<5	<5	18	<5	17	6	<5	<5	<5	[40]	7	<5	[57]	<5	<5	6
4800N	25	11	23	<5	<5	26	10	16	<5	19	23	<5	<5	<5	<5	13	9	<5	8	6	<5	<5	<5	[41]	<5	<5	15	<5	<5	<5 4800N
	<5	20	<5	<5	<5	<5	20	<5	<5	<5	11	7	<5	<5	<5	<5	15	9	7	<5	<5	10	<5	20	15	8	10	<5	<5	9
	6	15	25	9	10	<5	<5	<5	9	11	7	11	<5	<5	<5	5	<5	<5	8	<5	<5	<5	7	5	6	7	<5	<5	<5	<5
	5	21	<5	23	<5	<5	<5	5	7	8	14	13	16	<5	<5	8	6	8	<5	10	<5	<5	8	<5	<5	<5	<5	<5	16	<5
4600N	<5	8	10	7	8	<5	<5	<5	5	6	<5	13	15	<5	<5	27	<5	10	<5	6	<5	<5	<5	[78]	14	<5	14	<5	<5	<5 4600N
	21	<5	<5	14	<5	<5	18	<5	<5	14	10	18	<5	<5	<5	<5	17	8	9	12	<5	<5	13	[137]	<5	<5	<5	17	<5	8
	[105]	[37]	9	12	21	<5	<5	26	23	17	14	6	<5	<5	<5	14	7	<5	6	<5	<5	16	16	<5	12	<5	13	<5	<5	5
	18	10	8	17	22	10	15	<5	<5	<5	21	<5	<5	<5	<5	<5	<5	<5	12	<5	<5	<5	7	21	<5	<5	[195]	<5	<5	<5
4400N	<5	21	16	16	8	<5	<5	6	<5	<5	5	9	<5	<5	14	16	<5	<5	13	<5	<5	<5	<5	16	8	<5	[61]	<5	<5	7 4400N
	10	20	5	10	<5	19	14	10	<5	<5	10	15	6	<5	<5	13	8	12	10	<5	<5	<5	9	8	13	18	<5	<5	<5	<5
	6	8	<5	8	33	12	<5	<5	<5	7	<5	<5	<5	<5	<5	<5	7	10	13	12	<5	<5	<5	9	<5	10	11	<5	13	6
	<5	6	<5	16	14	<5	17	<5	<5	<5	6	<5	6	<5	<5	<5	6	11	19	6	6	9	15	<5	<5	<5	14	<5	[95]	15
4200N	<5	11	*	<5	9	<5	<5	<5	<5	9	5	<5	<5	<5	<5	8	[467]	25	17	8	<5	<5	6	<5	<5	<5	8	<5	17	12 4200N
	<5	13	<5	<5	13	<5	<5	<5	<5	<5	7	24	13	<5	<5	<5	15	17	9	11	<5	<5	<5	<5	14	14	7	<5	8	8
	6	5	<5	24	<5	19	<5	<5	<5	<5	13	<5	[76]	<5	<5	19	5	6	11	<5	<5	5	9	14	6	<5	6	<5	<5	21
	<5	10	6	<5	6	<5	9	<5	<5	20	16	29	[39]	<5	<5	<5	13	12	19	12	8	<5	6	6	10	6	<5	10	<5	<5
4000N	<5	<5	<5	7	<5	6	14	<5	<5	13	[39]	<5	<5	<5	<5	10	<5	8	22	9	27	11	<5	<5	<5	<5	<5	15	<5	15 4000N
	<5	15	<5	<5	9	19	<5	<5	<5	23	7	15	17	<5	<5	11	8	10	<5	<5	[56]	[41]	8	6	8	19	8	21	<5	<5
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	<5	8	<5	<5	6	26	<5	<5	<5	25	[53]	[100]	8	[77]	22	[36]	18	6	7	<5	[103]	10	23	[59]	19	<5	9	15	<5	17
3800N	<5	12	<5	17	<5	9	<5	<5	22	<5	[45]	[56]	12	22	[135]	16	16	19	7	22	17	26	26	12	16	8	17	<5	[36]	3800N
	8	8	9	<5	<5	<5	<5	<5	<5	15	[30]	[37]	[46]	<5	[173]	8	[42]	14	<5	24	26	22	[36]	<5	<5	<5	23	26	<5	20
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3600N	8	17	<5	<5	<5	7	8	25	8	[50]	[65]	[43]	[37]	32	[84]	<5	7	25	6	23	<5	[106]	17	21	14	[62]	24	24	<5	3600N
	<5	14	<5	6	<5	33	22	[52]	11	[63]	29	24	[71]	11	<5	<5	34	20	7	6	[46]	12	29	[35]	23	[43]	28	<5	<5	
	12	9	8	<5	<5	<5	11	30	[76]	13	[61]	[66]	23	[82]	[36]	<5	7	7	[132]	12	<5	[72]	<5	30	[41]	[36]	26	30	<5	<5
	<5	9	<5	<5	16	<5	<5	[76]	21	13	[61]	[60]	[79]	[35]	11	<5	30	[128]	17	<5	19	9	31	14	19	<5	11	19	<5	11
3400N	<5	<5	<5	6	<5	13	30	30	17	7	12	[101]	[44]	26	<5	<5	16	[381]	[78]	33	[136]	7	[236]	15	[49]	34	17	9	7	3400N
	<5	<5	8				<5	[39]	24	27	26	[100]	[53]	34	19	[42]	26	[164]	[58]	19	[42]	11	26	17	31	17	10	5	<5	
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3200N	<5	11	<5	<5	13	<5	28	12	[114]	17	[46]	17	31	16	6	22	10	[67]	[60]	[37]	<5	14	23	28	7	6	6	<5	<5	3200N
	17	15	<5	20	<5	14	26	7	[50]	14	[62]	[71]	27	12	11	13	10	[72]	[103]	9	10	7	[37]	10	19	19	6	<5	9	
	22	15	<5	<5	<5	<5	<5	<5	46	16	[37]	10	[51]	<5	<5	18	17	[55]	[86]	[39]	22	5	25	<5	13	10	15	<5	10	
	14	7		<5	14	<5		12	9				[62]	7	<5	19	[55]	[46]	[125]	12	19	6	19	17	10	10	19	14	12	
3000N	10	<5	8	<5	6	8	<5	<5	<5	30	[75]	[30]	[43]	27	17	23	[674]	19	[50]	16	22	25	29	21	21	9	<5	<5	7	* 3000N
	19	11	15	<5	13	14	<5	6	11	30	[65]	[92]	[37]	16	27	31	[76]	[84]	[36]	34	<5	29	6	18	11	<5	<5	<5	5	
	16	<5	<5	11	12	18	<5	6	5	[40]	5	[50]	[61]	<5	<5	21	23	[97]	[319]	[80]	5	33	10	<5	<5	14	6	<5	8	<5
	14	16	<5	<5	<5	<5	10	<5	<5	13	8	[33]	[36]	33	<5	<5	15	5	[73]	22	30	<5	12	8	7	10	7	7	12	27
2800N	13	8	<5	5	<5	8	15	7	9	<5	8	26	19	9	[35]	15	<5	[69]	11	[86]	9	<5	<5	18	<5	18	8	7	20	2800N
	12	12	<5	18	<5	<5	<5	<5	<5	<5	21	11	13	12	24	16	<5	27	7	[31]	<5	<5	<5	19	<5	7	11	9	15	
	8	15	<5	<5	8	<5	9	<5	<5	<5	<5	<5	30	11	<5	<5	<5	24	15	32	27	15	<5	9	<5	6	<5	13	<5	9
2600N	8	17	<5	<5	12	11	<5	<5	<5	<5	5	11	<5	[39]	9	10	12	15	18	<5	[35]	7	<5	<5	<5	14	<5	<5	8	2600N
	<5	11	<5	<5	<5	<5	<5	<5	<5	7	<5	9	<5	15	29	6	9	<5	31	18	24	8	<5	<5	<5	<5	<5	<5	<5	<5
	7	12	<5	8	6	14	<5	<5	<5	10	<5	21	<5	<5	27	<5	12	<5	6	25	<5	<5	8	<5	<5	<5	<5	<5	9	
	14	6	<5	<5	10	<5	<5	<5	<5	8	6	<5	<5	<5	20	<5	<5	13	<5	15	13	21	7	<5	5	17	7	6	14	
2400N	<5	6	<5	<5	<5	15	<5	<5	<5	<5	<5	12	<5	<5	28	10	<5	32	12	<5	<5	<5	6	<5	<5	15	6	7	10	2400N
	10	8	<5	<5	<5	18	<5	<5	<5	12	<5	<5	<5	<5	20	<5	<5	[77]	12	32	20	<5	16	<5	<5	8	<5	<5	15	
	6	10	<5	<5	<5	13	<5	<5	<5	13	<5	13	20	<5	12	12	12	27	<5	25	7	28	<5	<5	<5	6	<5	15	9	
	<5	12	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	5	15	<5	13	19	<5	[40]	7	<5	<5	<5	9	<5	<5	<5	
2200N	15	<5	<5	16	<5	6	<5	<5	7	<5	<5	<5	<5	<5	10	<5	18	15	<5	<5	<5	6	14	<5	5	<5	19	<5	12	2200N
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	7	6	<5	9	6	8	<5	<5	<5	<5	<5	<5	6	19	11	9	<5	6	9	9	<5	<5	<5	5	<5	19	<5	11	13	
	9	8	<5	<5	<5	<5	<5	<5	<5	8	<5	11	7	<5	29	31	10	14	10	<5	<5	<5	6	11	8	13	17	6	8	<5
2000N	11	5	<5	<5	<5	<5	<5	6	14	5	6	6	<5	26	27	<5	20	6	6	*	28	13	10	7	6	22	<5	10	5	2000N
	11	9	<5	<5	<5	<5	11	<5	<5	<5	6	14	<5	<5	19	<5	<5	5	*	*	<5	<5	<5	7	10	16	<5	<5	6	
	<5	9	<5	10	6	10	15	7	5	10	9	<5	7	19	18	<5	5	27	*	*	<5	<5	17	6	<5	13	<5	12	9	
	13	9	<5	<5	9	17	11	<5	<5	<5	9	12	<5	<5	23	9	11	<5	<5	11	<5	<5	<5	18	11	<5	20	16	14	<5
1800N	6	8	7	<5	15	15	6	11	*	<5	10	<5	<5	11	24	6	<5	9	<5	9	<5	<5	18	11	<5	80	16	14	<5	<5 1800N
	<5	9	<5	<5	<5	<5	<5	<5	<5	8	<5	<5	<5	9	24	<5	<5	<5	<5	7	17	<5	[39]	17	6	<5	18	6	<5	14
	10	<5	<5	7	9	<5	<5	11	<5	<5	<5	<5	<5	*	*	*	17	<5	15	7	30	<5	<5	13	<5	21	14	8	23	
	<5	<5	<5	15	15	<5	<5	9	11	<5	<5	<5	18	8	<5	<5	<5	17	7	<5	<5	<5	<5	<5	<5	18	7	7	7	
1600N	9	<5	<5	<5	11	27	8	<5	9	<5	<5	13	7	<5	8	<5	12	<5	7	6	7	9	<5	12	<5	7	<5	7	<5	5 1600N
	8	<5	<5	<5	<5	<5	7	<5	8	<5	<5	12	9	<5	29	<5	<5	<5	<5	<5	20	11	<5	<5	7	8	10	11	5	12
	<5	<5	<5	<5	<5	<5	<5	<5	6	<5	<5	12	<5	<5	21	9	<5	<5	<5	<5	<5	18	<5	<5	13	<5	15	14	<5	<5	10
	7	<5	<5	<5	<5	<5	<5	11	8	<5	<5	7	11	<5	<5	10	11	5	6	<5	21	7	<5	<5	<5	6	6	10	15	16
1400N	<5	<5	<5	9	10	<5	<5	10	<5	<5	<5	<5	15	<5	<5	15	<5	21	9	32	25	<5	<5	<5	9	<5	10	12	6	10 <5 1400N
	<5																													
	<5																													
	<5																													
1200N																														
1000N																														
800N																														
	2000E	2200E	2400E	2600E	2800E	3000E	3200E	3400E	3600E	3800E	4000E	4200E	4400E	4600E	4800E	5000E	5200E	5400E	5600E	5800E	6000E	6200E	6400E	6600E	6800E	7000E	7200E	7400E	7600E	

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

PART 2 OF 2

LEGEND

- * no sample
- <5 less than 35
- 35 to less than 65
- [ ] 65 to less than 95
- [ ] greater than or equal to 95

FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
WEST SHEET
AS SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 25-NOV-86 | NTS: 82E/13W | Plate II

Plotted by Bondar-Clegg Computer Services

	7600E	7800E	8000E	8200E	8400E	8600E	8800E	9000E	9200E	9400E	9600E	9800E	10000E	10200E	10400E	10600E	10800E	11000E	11200E	11400E	11600E	11800E	12000E	12200E	12400E	12600E	12800E	13000E	13200E	
5000N	31	55	65 66	38	28	51 43	25	62	158	59	67	42	132	79	51 59 41 60	97	80	55	51	65	98	117	16	111	137	73	56	77	58	38	65	5000N
	35	40	88	24	50	49	70	34	130	80	78	73	101	25	49	236	67	71	53	66	144	26	63	258	178	29	44	96	49	60	
	36	41	62	68	41	18	32	154	133	44	78	96	130	45	46	96	143	82	67	31	18	286	20	174	207	85	69	65	103	75	37	
4800N	30	53	95	39	38	16	45	97	126	28	40	156	145	67	45	37	88	49	135	84	28	183	37	131	117	79	61	820	28	95	38	4800N
	37	24	85	25	29	45	36		69	46	30	108	222	69	109	53	44	68	78	142	60	239	41	138	162	176	67	393	18	81	16	
	31	56	39	39	56	55	59	43	53	54	101	26	26	41	65	90	112	131	133	164	110	182	70	308	143	111	124	431	77	61	33	
	36	45	38	79	83	32	17	32	52	68	56	27	61	35	185	40	48	101	163	88	101	95	178	97	72	119	129	142	84	69	31	
4600N	56	34	28	77	27	33	18	54	62	74	99	24	47	130	131	71	54	268	137	115	169	247	127	168	208	*	78	110	64	54	121	4600N
	51	30	43	79	24	17	23	32	50	31	73	39	133	55	52	44	82	69	106	122	159	160	114	90	95	162	208	92	95	70	155	
	40	29	52	39	60	18	42	54	101	73	32	30	112	44	103	47	113	121	163	178	75	107	257	202	192	97	116	138	136	43	73	
	35	30	26	35	28	56	25	48	52	56	45	168	73	54	97	50	107	246	167	223	96	178	129	588	289	169	128	122	107	64	62	
	40	35	36	45	23	254	30	49	50	52	53	108	89	45	121	22	109	80	101	106	130	125	121	190	77	358	134	108	144	36	44	
4400N	39	41	31	42	25	33	23	27	55	33	25	67	12	68	56	96	108	55	120	116	161	112	90	740	114	153	125	83	288	73	57	4400N
	25	25	35	48	46	14	18	9	142	46	34	65	63	88	97	116	60	143	95	132	182	69	119	272	126	133	43	168	98	82	37	
	37	28	30	39	32	31	30	66	109	68	34	33	46	70	65	112	131	89	128	127	139	64	93	200	150	118	44	141	110	79	35	
	41	37	25	29	88	24	31	55	102	38	32	31	53	49	26	86	118	252	185	104	115	107	140	417	112	73	82	156	96	61	42	
4200N	40	41	42	30	53	159	55	56	66	60	40	32	53	39	27	28	82	117	130	253	120	128	116	201	33	149	83	74	123	120	50	4200N
	60	171	41	19	23	46	49	90	65	54	81	42	45	38	29	118	103	18	92	166	130	115	136	164	84	112	216	229	102	82	55	
	188	85	21	34	25	54	80	41	123	31	182	77	39	40	26	89	118	81	126	46	85	126	151	172	29	130	182	27	84	30	69	
4000N	69	91 79	101	25	31	38	196	177	79	66	25	54	45	79	17	116	65	30	108	109	121	108	185	*	57	75	198	18	104	63	69	4000N
	554	67	182	138	47	181	61	122	94	68	22	36	52	43	71	63	220	100	85	75	43	95	99	94	67	62	196	129	105	69	89	
	199	103	124	435	43	62	61	96	83	52	34	46	10	34	74	139	118	151	100	84	134	181	68	176	56	65	145	123	68	151	96	
	128	122	972	203	236	166	137	108	123	34	65	65	26	30	124	25	83	124	131	91	107	186	125	128	63	69	127	98	128	160	113	
	200	263	157	255	136	108	197	132	57	38	61	51	35	21	41	33	85	146	101	102	151	*	184	108	92	55	122	82	96	184	77	
3800N	121	178	256	145	53	109	124	59	55	61	67	96	37	41	28	67	52	75	108	66	96	101	243	232	90	104	95	127	137	130	92	3800N
	632	161	181	184	54	75	233	36	62	68	86	93	39	32	55	44	25	66	49	82	85	86	147	159	279	133	113	253	145	91	103	
	133	115	132	357	63	63	162	136	52	103	74	39	51	57	55	49	30	69	115	55	96	87	262	258	36	101	245	86	121	82	58	
	124	175	131	178	49	101	197	24	83	75	73	50	43	45	70	53	67	43	60	107	60	81	78	172	2744	108	105	133	146	220	152	
3600N	62	154	184	252	153	58	92	21	74	101	81	100	46	56	148	44	86	63	48	108	106	73	130	134	612	82	109	206	125	177	90	3600N
	98	137	64	185	286	56	68	23	72	77	44	41	101	73	45	44	40	54	72	116	120	58	118	132	*	107	175	203	192	136	103	
	77	344	186	307	136	86	70	26	112	161	101	50	125	116	79	60	76	102	124	81	81	63	122	215	362	152	120	166	197	151	98	
	80	93	196	280	180	72	120	18	135	85	86	64	73	69	100	103	122	78	152	135	82	100	124	271	156	264	105	116	108	175	53	
3400N	79	65	64	98	421	98	43	41	238	106	53	55	78	208	67	79	108	47	72	123	102	151	134	136	184	212	111	145	156	222	79	3400N
	57	138	141	310	79	127	101	31	303	180	72	75	63	65	65	123	17	47	67	164	62	116	62	105	146	307	221	118	69	160	70	
	69	*	54	52	244	67	32	51	151	136	70	42	59	134	23	87	61	113	45	130	142	130	114	89	148	168	713	131	118	174	122	
	47	*	21	76	122	64	85	92	185	124	68	66	69	123	23	96	124	102	47	144	139	103	114	100	*	92	227	101	125	130	137	
3200N	76	112	80	64	182	94	105	140	134	136	54	129	79	35	64	73	104	72	100	141	115	89	135	107	*	36	141	82	183	179	128	3200N
	61	111	65	47	115	52	125	240	59	77	140	72	80	128	35	209	104	72	55	100	78	132	116	133	45	39	170	118	134	80	200	
	56	*	37	65	89	62	188	244	152	83	106	55	116	79	60	43	93	73	52	103	85	80	176	46	138	70		79	140	125	79	
	44	124	46	115 113	57	128	138	144	152 90 65	*	197	182	64 84 73	111	76	73 61 64	50 50	60	61	182	101 62	131			66			194	134	77	134	
3000N	*	76	78	92	74	64 131	101	69	90	81	142	155	56	77	54	59	70	68	96	66	118	66	62			100	74	117 163	128	154	3000N
	57	108	120	145	31	59	126	106	60	102	137	243	64	107	90	63	66	79	69	146	66	138	68	111	186	63	48	129	83	20	
	59	114	113	111	100	107	83	113	53	83	115	115	143	112	60	65	85	46	68	112	71	63	127	107	144	141	100	106	162			
	93	93	124	84	54	115	99	55	113	142	115	142	71	93	91	91	42	91	117	185	66	97	60	63	175	141	372	235	174			
2800N	67	130	115	92	106	103	134	102	100	68	72	79	64	104	51	86	84	107	38	61	35	77	90	132	119	280	487	122	127	2800N		
	95	93	113	122	75	128	86	110	154	105	120	166	68	170	140	105	304	90	115	129	46	680	211	67	101	205	550	188	85			
	62	105	119	82	113	110	45	71	114	94	51	94	172	174	148	31	159	123	36	163	57	62	201	113	139	126	190	347	40			
	61	161	82	108	140	124	122	87	151	145	110	215	110	57	236	140	34	198	185	73	65	143	137	144	85	120	84	47				
2600N	60	67	187	171	145	63	151	91	128	185	139	244	83	151	69	215	232	109	132	165	43	106	84	*	201	130	101	119	41	2600N		
	49	63	162	173	133	116	120	88	124	215	191	185	128	23	275	139	65	130	117	227	42	67	79	*	118	201	28	108	142			
	119	39	46	111	142	98	69	104	116	141	134	175	107	176	27	150	79	177	62	45	115	91	112	*	112	208	76	98	85			
	146	66	85	107	43	63	44	90	82	107	64	112	91	63	49	105	48	108	175	49	31	315	70	*	123	112	76	160	115			
2400N	206	52	125	114	198	56	42	56	280	40	128	105	83	436	79	76	57	68	83	177	85	26	231	106	92	111	122	124	124	2400N		
	154	*	121	128	144	128	59	61	54	165	109	103	54	146	114	35	64	23	128	86	88	97	180	123	106	135	113	156	135			
	144	115	50	132	61	248	61	33	116	123	98	185	76	126	65	42	68	27	75	71	72	46	121	64	139	132	106	77	67			
	74	120	57	60	187	208	23	69	103	136	125	137	115	61	76	75	78	53	32	123	129	122	144	23	192	90	156	169	103			
2200N	88	134	41	191	120	177	73	67	94	76	216	387	907	76	312	72	48	40	35	104	96	114	231	302	278	88	78	185	110	220N		
	54	173	39	85	45	185	86	63	126	253	51	243	345	662	145	138	119	44	16	154	41	181	114	285	181	126	71	130	115			
	63	206	48	73	128	382	75	68	106	176	113	126	283	928	51	31	182	63	28	119	112	131	136	124	171	161	51	317	106			
	56	117	70	100	116	327	154	66	42	190	227	110	435	179	654	34	240	185	49	74	147	86	178	113	121	108	113	118	166			
2000N	63	41	38	104	101	153	124	61	64	130	168	227	78	308	130	79	410	143	47	42	108	66	90	146	227	125	93	260	166	2000N		
	45	42	73	125	144	62	159	52	70	186	21	189	158	185	73	268	218	142	37	53	112	40	113	135	221	107	138	176	114			
	59	65	103	98	115	138	145	62	106	96	96	200	245	209	82	162	382	48	108	58	48	97	101	237	227	220	106	118	184			
	110	77	85	172	138	142	172	86	80	56	51	140	204	305	144	408	454	388	136	32	26	95	86	167	143	156	156	134	133			
1800N	118	106	74	145	202	90	1403	113	61	140	62	327	142	447	129	79	184	162	46	115	43	69	74	136	*	71	72	85	176	180N		
	64	62	161	326	145	217	156	164	85	72	61	108	87	719	153	76	154	231	85	65	71	69	65	177	178	32	243	62	410			
	61	90	176	105	261	135	207	130	73	91	51	129	103	663	222	102	110	118	125	140	47	65	62	82	181	161	119	108	419			
	66	78	167	206	536	229	124	171	*	119	57	341	181	231	177	37	122	129	166	73	130	90	26	167	249	244	120	106	235			
1600N	63	149	185	331	289	128	145	163	121	86	111	274	318	239	163	124	89	112	163	75	57	68	72	167	134	215	150	117	69	160N		
	65	245	88	189	197	200	216	169	123	82	361	236	377	214	397	180	161	144	158	89	149	102	129	156	618	135	133	80	129			
	96	110	85	125	162	243	180	156	156	132	231	179	165	345	467	165	381	237	60	127	344	177	144	100	211	210	86	97	117			
	110	66	66	191	213	279	270	268	71	100	212	367	907	626	303	84 422	277	236	41	174	128	215	212	65	186	248	115	57	104			
1400N	93	42	81	261	484	291	148	213	114	82	120	555	323	402	217	487	161	159	65	123	71	246	73	66		82	78	67	124	140N		
1200N																												67				
1000N																																
800N	7600E	7800E	8000E	8200E	8400E	8600E	8800E	9000E	9200E	9400E	9600E	9800E	10000E	10200E	10400E	10600E	10800E	11000E	11200E	11400E	11600E	11800E	12000E	12200E	12400E	12600E				

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834 PART 2 of 2

LEGEND

- * no sample
- □ less than 350
- ▨ 350 to less than 550
- ▣ 550 to less than 750
- [1] greater than or equal to 750

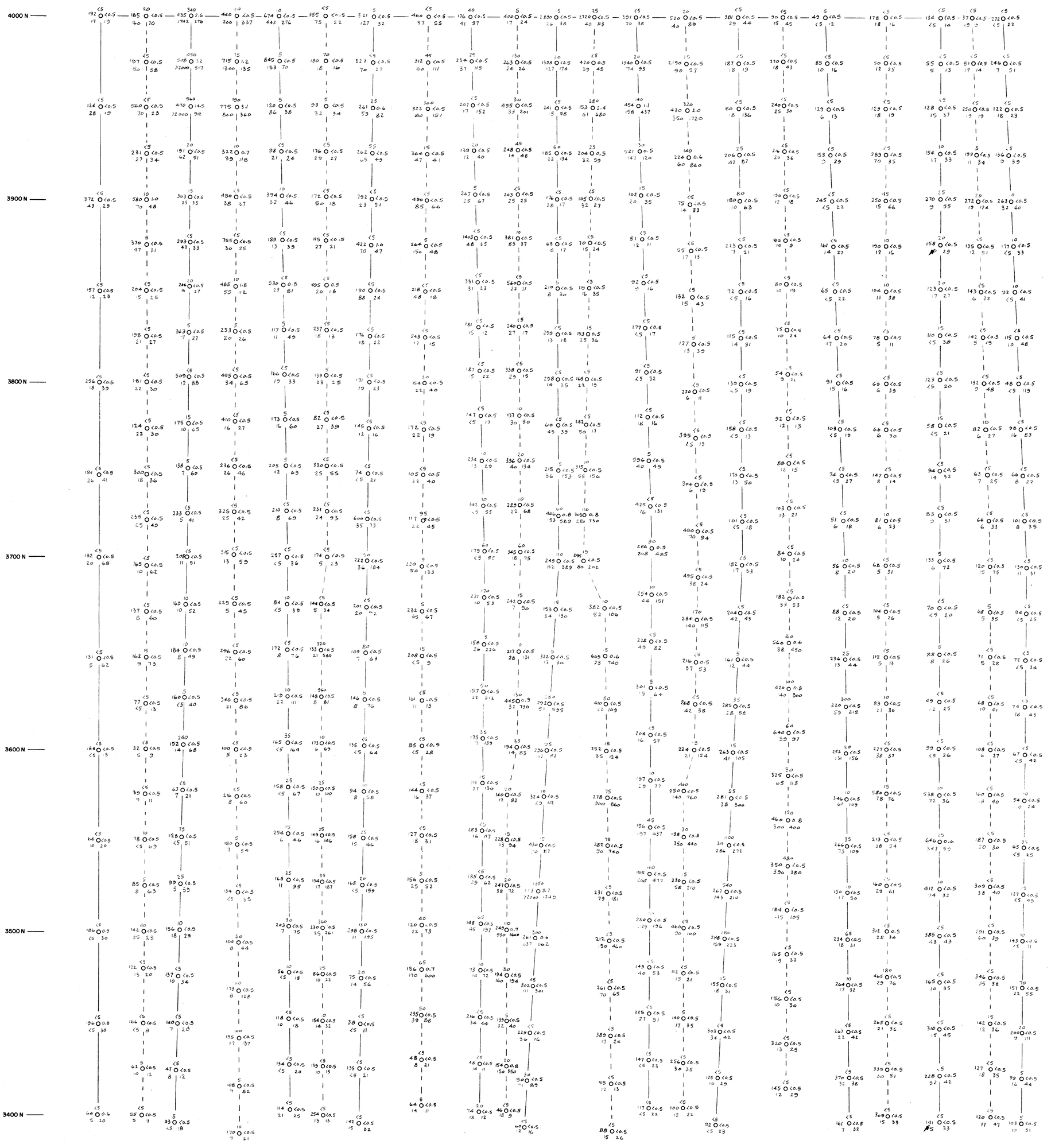
FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
EAST SHEET
ZN SOIL GEOCHEM (PPM)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 26-NOV-86 | NTS: 82E/13W | Plate 10

Plotted by Bondar-Clegg Computer Services



LEGEND

CUT LINES

FLAG LINES

10 / 54 <0.5 / 10 24 — Au / Zn Ag / As Cu

NOTE:
Au in ppb; As, Zn, Ag and Cu in ppm

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

FAIRFIELD MINERALS LTD.

OKA PROPERTY
IRON HORSE AREA

DETAILED SOIL GEOCHEMICAL RESULTS

Scale = 1:1000

meters 0 10 20 30 40 50 60 70 80 90 100 metres

CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

FEBRUARY 1987

PLATE 13

EXPLANATION

LITHOLOGY

CRETACEOUS-COAST INTRUSIONS

GRANODIORITE, QUARTZ DIORITE

UPPER TRIASSIC – NICOLA GROUP

MASSIVE SULFIDE: Mainly Pyrite and/or Pyrrhotite; Lesser, varying amounts of Chalcopyrite, Arsenopyrite, Sphalerite and (rarely) Galena, Iron Oxides - limonite and goethite - generally 10-25% by volume.

SKARN: Mainly dark reddish brown Garnetite; lesser Garnet-Pyroxene, Garnet-Wollastonite and Calc-Silicate Hornfels (Light Skarn)

MARBLE, LIMESTONE

SYMBOLS

H2 PIT OR TRENCH BOUNDARY WITH SITE NUMBER (Outcrop Perimeter - Plan Veiw)

DUMP OR SLOUGHED MATERIAL

CONTINUOUS CHIP SAMPLE LOCATION

ASSAYS: oz/t Au, oz/t Ag, % Cu, % Zn, % As / Sample Number (Site Prefix Omitted) - Interval (Length) in metres

★ GOLD ASSAY ⩾ 0.05 oz/ton (Rounded)

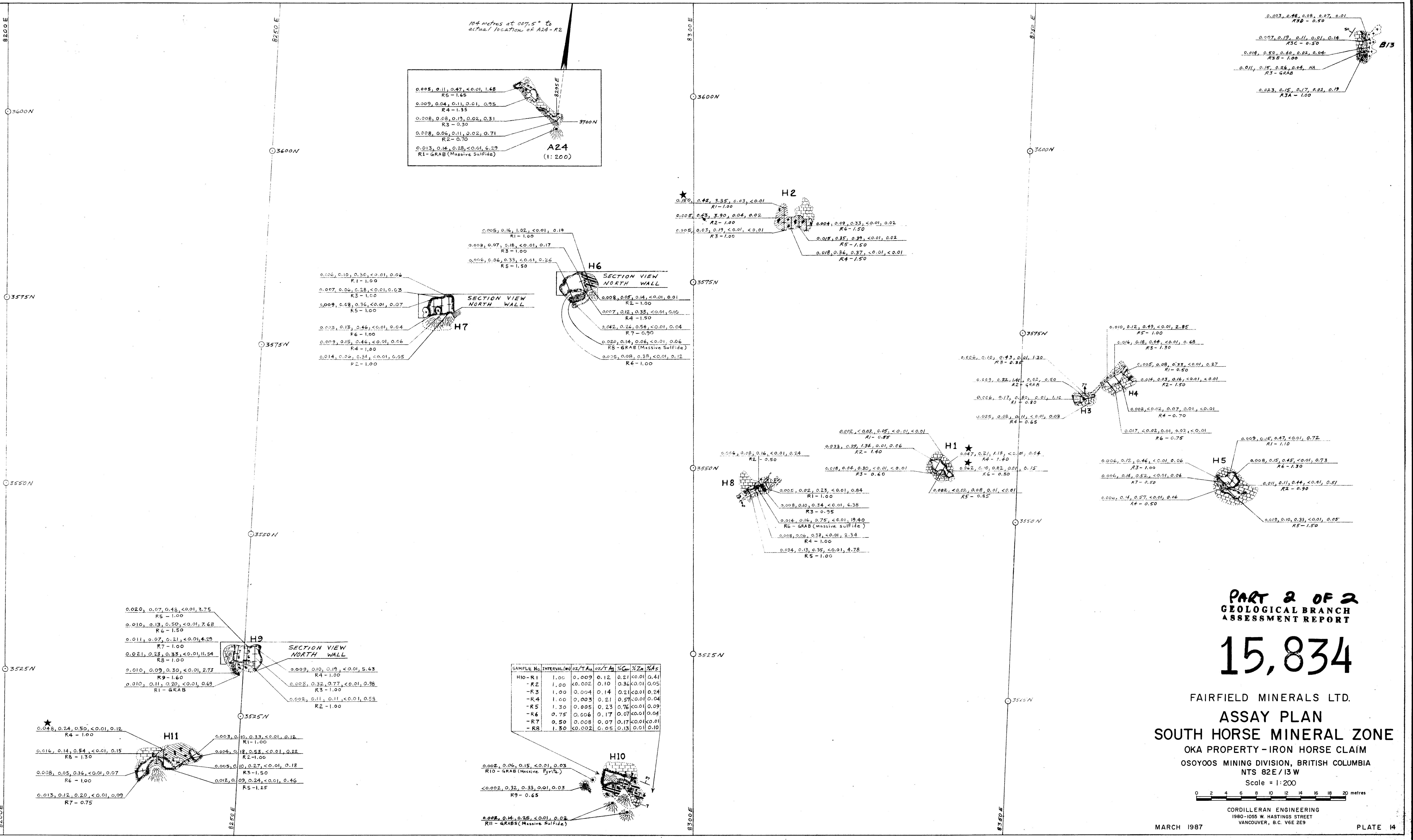
STRIKE AND DIP

GEOLOGICAL CONTACT

FAULT OR SHEAR ZONE WITH DIP

MASSIVE SULFIDE BOULDER

CUT GRID LINE WITH PICKETTED GRID STATION (Soil Sample Site)



8200 E
8250 E
8300 E
8350 E
3600N
3575N
3550N
3525N
N
104 metres at 007.5° to actual location of A24-R2
A24 (1:200)
8295 E
3700N
0.005, 0.11, 0.47, <0.01, 1.68 R5 - 1.65
0.009, 0.04, 0.11, 0.01, 0.95 R4 - 1.35
0.008, 0.08, 0.19, 0.02, 0.31 R3 - 0.30
0.008, 0.06, 0.11, 0.02, 0.71 R2 - 0.70
0.013, 0.14, 0.28, <0.01, 6.29 R1 - GRAB (Massive Sulfide)
H2
0.150, 0.42, 3.35, 0.03, <0.01 R1 - 1.00
0.005, 0.43, 3.90, 0.04, 0.02 R2 - 1.00
0.005, 0.03, 0.19, <0.01, <0.01 R3 - 1.00
0.004, 0.09, 0.33, <0.01, 0.02 R6 - 1.50
0.015, 0.35, 0.39, <0.01, 0.02 R5 - 1.50
0.018, 0.36, 0.37, <0.01, <0.01 R4 - 1.50
H6 SECTION VIEW NORTH WALL
0.005, 0.16, 1.02, <0.01, 0.19 R1 - 1.00
0.003, 0.07, 0.18, <0.01, 0.17 R3 - 1.00
0.006, 0.06, 0.33, <0.01, 0.26 R5 - 1.50
0.008, 0.05, 0.14, <0.01, 0.01 R2 - 1.00
0.007, 0.12, 0.33, <0.01, 0.10 R4 - 1.50
0.042, 0.26, 0.54, <0.01, 0.04 R7 - 0.90
0.020, 0.14, 0.06, <0.01, 0.06 R8 - GRAB (Massive Sulfide)
0.005, 0.08, 0.38, <0.01, 0.12 R6 - 1.00
H7 SECTION VIEW NORTH WALL
0.006, 0.10, 0.30, <0.01, 0.06 R1 - 1.00
0.007, 0.06, 0.28, <0.01, 0.03 R3 - 1.00
0.009, 0.08, 0.36, <0.01, 0.07 R5 - 1.00
0.003, 0.13, 0.46, <0.01, 0.04 R6 - 1.00
0.009, 0.15, 0.46, <0.01, 0.06 R4 - 1.00
0.014, 0.06, 0.34, <0.01, 0.05 R2 - 1.00
B13
0.003, 0.48, 0.08, 0.07, 0.01 R3D - 0.50
0.007, 0.19, 0.11, 0.01, 0.14 R3C - 0.50
0.014, 0.50, 0.40, 0.02, 0.04 R3B - 1.00
0.011, 0.15, 0.26, 0.04, NA R3 - GRAB
0.023, 0.15, 0.17, 0.02, 0.19 R3A - 1.00
H3
0.006, 0.10, 0.43, 0.01, 1.30 R3 - 0.35
0.003, 0.22, 1.40, 0.02, 0.50 R2 - GRAB
0.006, 0.17, 0.80, 0.01, 1.10 R1 - 0.80
0.025, 0.02, 0.11, <0.01, 0.08 R4 - 0.65
H4
0.010, 0.12, 0.49, <0.01, 2.85 R5 - 1.00
0.016, 0.18, 0.44, <0.01, 0.68 R3 - 1.30
0.005, 0.08, 0.33, <0.01, 0.27 R1 - 0.50
0.014, 0.03, 0.16, <0.01, <0.01 R2 - 1.50
0.002, <0.02, 0.07, 0.01, <0.01 R4 - 0.70
0.017, <0.02, 0.01, 0.02, <0.01 R6 - 0.75
H1
0.002, <0.02, 0.05, <0.01, <0.01 R1 - 0.55
0.033, 0.29, 1.34, 0.01, 0.06 R2 - 1.40
0.018, 0.04, 0.30, <0.01, <0.01 R3 - 0.60
0.047, 0.21, 1.18, <0.01, 0.04 R4 - 1.40
0.062, 0.10, 0.82, 0.01, 0.15 R6 - 0.80
0.002, <0.02, 0.08, 0.01, <0.01 R5 - 0.85
H5
0.009, 0.15, 0.47, <0.01, 0.72 R1 - 1.10
0.006, 0.12, 0.46, <0.01, 0.06 R3 - 1.00
0.008, 0.15, 0.45, <0.01, 0.73 R6 - 1.30
0.006, 0.14, 0.52, <0.01, 0.06 R7 - 0.50
0.011, 0.11, 0.44, <0.01, 0.51 R2 - 0.90
0.006, 0.14, 0.57, <0.01, 0.06 R4 - 0.50
0.019, 0.10, 0.33, <0.01, 0.05 R5 - 1.50
H8
0.006, 0.08, 0.16, <0.01, 0.24 R2 - 0.50
0.005, 0.02, 0.23, <0.01, 0.84 R1 - 1.00
0.008, 0.10, 0.34, <0.01, 6.38 R3 - 0.95
0.014, 0.16, 0.75, <0.01, 19.40 R6 - GRAB (massive sulfide)
0.008, 0.06, 0.38, <0.01, 2.34 R4 - 1.00
0.034, 0.13, 0.35, <0.01, 4.78 R5 - 1.00
H9 SECTION VIEW NORTH WALL
0.020, 0.07, 0.48, <0.01, 3.75 R5 - 1.00
0.010, 0.13, 0.50, <0.01, 7.68 R6 - 1.50
0.011, 0.07, 0.21, <0.01, 4.29 R7 - 1.00
0.021, 0.23, 0.33, <0.01, 11.54 R8 - 1.00
0.010, 0.09, 0.30, <0.01, 2.73 R9 - 1.60
0.010, 0.11, 0.20, <0.01, 0.69 R1 - GRAB
0.009, 0.10, 0.19, <0.01, 5.63 R4 - 1.00
0.008, 0.32, 0.77, <0.01, 0.98 R3 - 1.00
0.002, 0.11, 0.11, <0.01, 0.58 R2 - 1.00
H11
0.048, 0.24, 0.50, <0.01, 0.12 R4 - 1.00
0.016, 0.14, 0.54, <0.01, 0.15 R8 - 1.30
0.008, 0.05, 0.36, <0.01, 0.07 R6 - 1.00
0.013, 0.12, 0.20, <0.01, 0.09 R7 - 0.75
0.003, 0.10, 0.33, <0.01, 0.12 R1 - 1.00
0.004, 0.18, 0.53, <0.01, 0.22 R2 - 1.00
0.005, 0.10, 0.27, <0.01, 0.18 R3 - 1.50
0.012, 0.09, 0.24, <0.01, 0.46 R5 - 1.25
H10
0.002, 0.06, 0.15, <0.01, 0.03 R10 - GRAB (Massive Pyrite)
<0.002, 0.32, 0.33, 0.01, 0.03 R9 - 0.65
0.002, 0.14, 0.25, <0.01, 0.02 R11 - GRABS (Massive Sulfide)
H12
0.002, 0.20, 1.36, 0.01, 0.11 R1 - 0.90
0.072, 1.36, 10.40, NA, NA A31-R1 GRAB (Massive Sulfide)

SAMPLE No.	INTERVAL (m)	oz/T Au	oz/T Ag	% Cu	% Zn	% As
H10-R1	1.00	0.009	0.12	0.21	<0.01	0.41
-R2	1.00	<0.002	0.10	0.36	<0.01	0.05
-R3	1.00	0.004	0.14	0.21	<0.01	0.24
-R4	1.00	0.003	0.21	0.57	<0.01	0.04
-R5	1.30	0.005	0.23	0.76	<0.01	0.09
-R6	0.75	0.006	0.17	0.07	<0.01	0.04
-R7	0.50	0.008	0.07	0.17	<0.01	<0.01
-R8	1.30	<0.002	0.05	0.13	0.01	0.10

PART 2 OF 2

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,834

FAIRFIELD MINERALS LTD.

ASSAY PLAN
SOUTH HORSE MINERAL ZONE
OKA PROPERTY - IRON HORSE CLAIM

OSOYOOS MINING DIVISION, BRITISH COLUMBIA
NTS 82E/13W

Scale = 1:200

0 2 4 6 8 10 12 14 16 18 20 metres

CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

MARCH 1987

PLATE 14

SAMPLE No.	INTERVAL (m)	oz/T Au	oz/T Ag	%Cu	%Zn	%As
★ A25-R6	0.75	0.085	0.48	0.77	0.03	0.02
★ -R7	1.50	0.273	0.54	2.61	0.13	0.02
★ -R8	0.85	0.091	0.12	0.81	0.01	0.02
-R7-J1	GRAB	0.013	0.09	0.74	0.10	0.01
★ -R7A	1.50	0.139	0.16	0.66	0.01	0.01
★ -R20	0.50	0.207	0.05	0.13	0.01	0.01
-R21	1.00	0.006	<0.02	0.12	0.01	<0.01
★ -R22	1.50	0.233	0.19	0.26	0.01	<0.01
★ -R23	0.50	0.425	0.67	2.36	1.50	0.01
-R24	1.00	0.012	0.08	0.42	0.03	0.01
-R25	1.00	0.009	0.08	0.41	0.03	0.01
-R26	1.30	0.014	0.13	0.62	<0.01	0.02
-R27	1.00	0.002	0.03	0.16	<0.01	<0.01

EXPLANATION

LITHOLOGY

CRETACEOUS

GRANODIORITE, QUARTZ DIORITE

UPPER TRIASSIC – NICOLA GROUP

MASSIVE SULFIDE: Mainly Pyrite and/or Pyrrhotite; Lesser, varying amounts of Chalcopyrite, Arsenopyrite, Sphalerite and (rarely) Galena. Iron Oxides – limonite and goethite – generally 10–25% by volume.

SKARN: Mainly dark reddish brown Garnetite; lesser Garnet – Pyroxene, Garnet – Wollastonite and Calc – Silicate Hornfels (Light Skarn).

MARBLE, LIMESTONE

SYMBOLS

R8 — CONTINUOUS CHIP SAMPLE SITE AND NUMBER ("A25" Sample Number Prefix omitted)

ASSAYS: oz/t Au, oz/t Ag, %Cu, % Zn, % As / Sample Interval (Length) in metres

★ GOLD ASSAY ≥0.05 oz/ton

30 — STRIKE AND DIP: Known, Approximate

GEOLOGICAL CONTACT: Known, Inferred

CUT GRID LINE WITH PICKETTED GRID STATION (Soil Sample Site)

FAIRFIELD MINERALS LTD.

ASSAY PLAN
NORTH HORSE MINERAL ZONE

OKA PROPERTY – IRON HORSE CLAIM

OSOYOOS MINING DIVISION, BRITISH COLUMBIA
NTS 82E/13W
Scale = 1:100

0 1 2 3 4 5 6 7 8 9 10 metres

CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

MARCH 1987

PLATE 15

OKA 11

OKA 10

OKA 9

OKA 7

OKA 8

OKA 3

BOLIVAR CREEK AREA

SILVER KING AREA

AREA OF INTENSE QUARTZ-SERICITE ALTERATION

Bolivar Creek

Gregg Creek

Glen Lake

BOLIVAR CREEK ROAD

HEADWATERS ROAD

HEADWATERS ROAD

5000 N

3000 N

1400 N

2000 E

3000 E

4000 E

5000 E

7000 E

LEGEND

LITHOLOGY

TERTIARY

4 — Basalt; olive green dykes and flat-lying flows.

3 — Quartz-Feldspar Porphyry; dykes of granite(?) composition, which may be part of the Coryell Intrusions.

CRETACEOUS(?)

NELSON PLUTONIC ROCKS

2 — Granodiorite to Diorite; massive, medium to coarse grained with more mafic-rich border zones and local moderate to strong sericite alteration.

UPPER TRIASSIC

NICOLA GROUP

Is — Skarn; massive, coarse grained, predominantly red-brown garnet with pyroxene and local minor epidote, calcite, magnetite and hematite. Light coloured, fine grained, banded, calc-silicate hornfels is often interbedded. Skarn hosts local disseminated and massive sulphides.

Ic — Marble; light to dark grey, locally fossiliferous, poorly preserved bedding, strongly fractured with abundant white calcite veinlets.

Is — Siltstone; black calcareous to siliceous (hornfels) with local chert pebble conglomerate, heterolithic slump breccia and greywacke. Often interbedded with Iv and Ic.

Iv — Andesite to Basalt; dark green, massive to weakly flow banded, finely to coarsely crystalline with abundant feldspar and augite phenocrysts. Commonly strongly sheared and chlorite altered.

SYMBOLS

- Geological Contact; known, inferred
- Bedding with dip angle
- Outcrop; known, approximate
- Massive Sulphide skarn, predominantly pyrite and pyrrhotite with local arsenopyrite, chalcopyrite, sphalerite and gold values
- Rock sample location and sample number (e.g. A27-R2)
- Soil sample location and sample number (e.g. A27-S2)
- 3000 N — Cut grid line
- OKA 9 | OKA 7 — Claim boundaries and LCP location
- Road, 4X4 Trail
- Adit
- Trench
- Pit, shaft

Note: Complete results for rock and soil samples appear in report appendix.

PART 2 OF 2
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

FAIRFIELD MINERALS LTD.
OKA PROPERTY
GEOLOGY
WEST SHEET

OSOYOOS MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82E/13W

1:5,000

100 0 100 200 300 METRES

CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

APRIL 1987

PLATE I

IRON HORSE AREA

CAP AREA

OKA 6

OKA 7

IRON HORSE

OKA 1

OKA 3

OKA 2

OKA 4

OKA 5

CAP

BOLIVAR CREEK ROAD

HEADWATERS ROAD

BRENDA ROAD

Peachland Creek

Greata Creek

CAMP

5000 N

3000 N

1400 N

8000 E

9000 E

10000 E

11000 E

12000 E

13000 E

13200 E

LEGEND

LITHOLOGY

TERTIARY

- 4 — Basalt; olive green dykes and flat-lying flows.
- 3 — Quartz-Feldspar Porphyry; dykes of granite(?) composition, which may be part of the Coryell Intrusions.

CRETACEOUS(?)
NELSON PLUTONIC ROCKS

- 2 — Granodiorite to Diorite; massive, medium to coarse grained with more mafic-rich border zones and local moderate to strong sericite alteration.

UPPER TRIASSIC
NICOLA GROUP

- Ig — Skarn; massive, coarse grained, predominantly red-brown garnet with pyroxene and local minor epidote, calcite, magnetite and hematite. Light coloured, fine grained, banded, calc-silicate hornfels is often interbedded. Skarn hosts local disseminated and massive sulphides.
- Ic — Marble; light to dark grey, locally fossiliferous, poorly preserved bedding, strongly fractured with abundant white calcite veinlets.
- Is — Siltstone; black calcareous to siliceous (hornfels) with local chert pebble conglomerate, heterolithic slump breccia and greywacke. Often interbedded with Iv and Ic.
- Iv — Andesite to Basalt; dark green, massive to weakly flow banded, finely to coarsely crystalline with abundant feldspar and augite phenocrysts. Commonly strongly sheared and chlorite altered.

SYMBOLS

- Geological Contact; known, inferred
- 45 — Bedding with dip angle
- Outcrop; known, approximate
- M — Massive Sulphide skarn, predominantly pyrite and pyrrhotite with local arsenopyrite, chalcopyrite, sphalerite and gold values
- A27-R2 — Rock sample location and sample number
- A27-S2 — Soil sample location and sample number
- 3000N — Cut grid line
- OKA 9 / OKA 7 — Claim boundaries and LCP location
- Road, 4X4 Trail
- Adit
- Trench
- Pit, shaft

Note: Complete results for rock and soil samples appear in report appendix.

PART 2 OF 2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

FAIRFIELD MINERALS LTD.

OKA PROPERTY

GEOLOGY

EAST SHEET

OSOYOOS MINING DIVISION, BRITISH COLUMBIA
N.T.S. 82E/13W

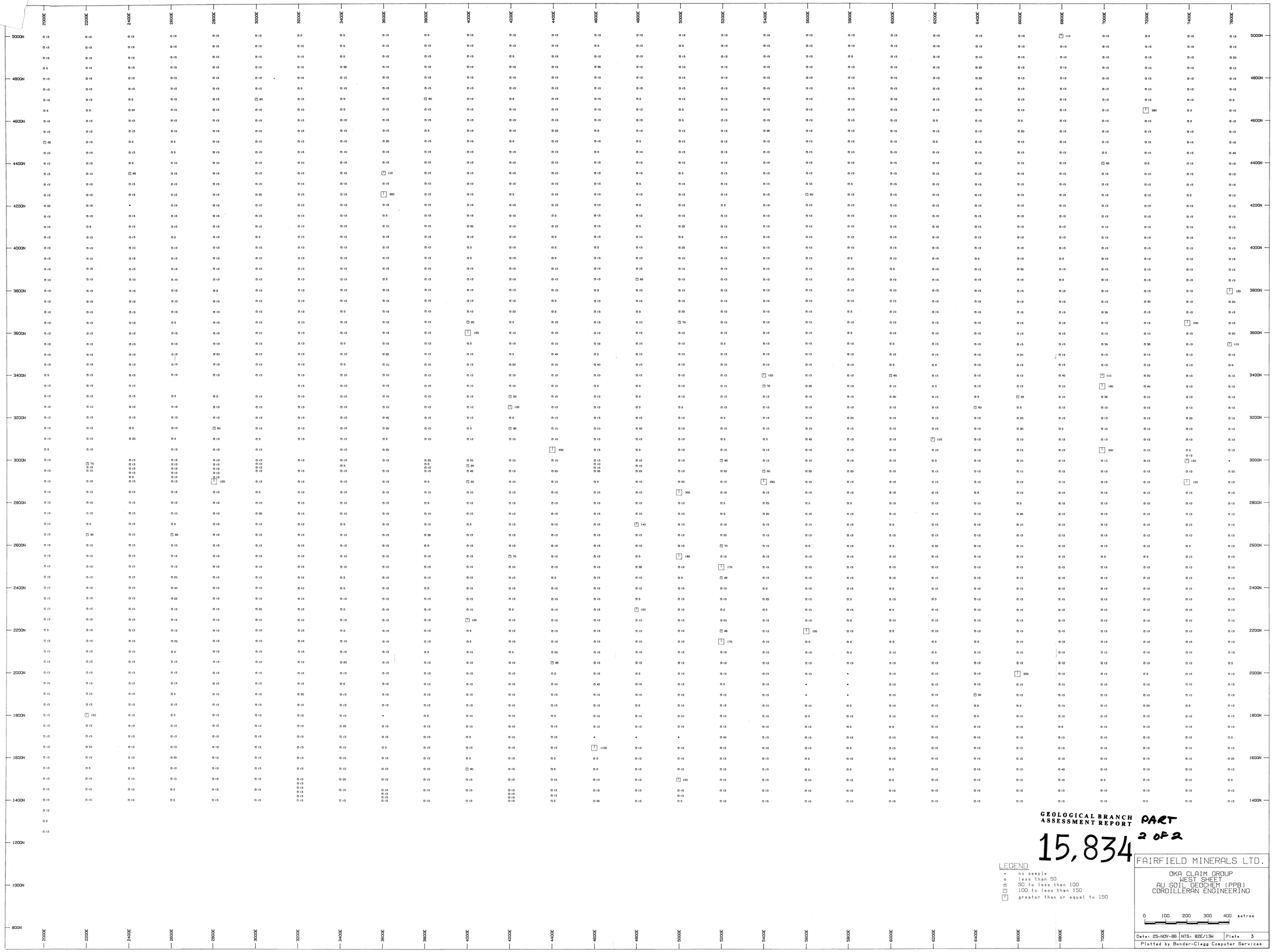
1 : 5,000

100 0 100 200 300 METRES

CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

APRIL 1987

PLATE 2



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,834

PART 2 OF 2

LEGEND

- * no sample
- < less than 50
- 50 to less than 100
- T 100 to less than 150
- T greater than or equal to 150

FAIRFIELD MINERALS LTD.

OKA CLAIM GROUP
WEST SHEET
AU SOIL GEOCHEM (PPB)
CORDILLERAN ENGINEERING

0 100 200 300 400 metres

Date: 25-NOV-86 | NTS: 82E/13W | Plate 3

Plotted by Bonder-Clegg Computer Services