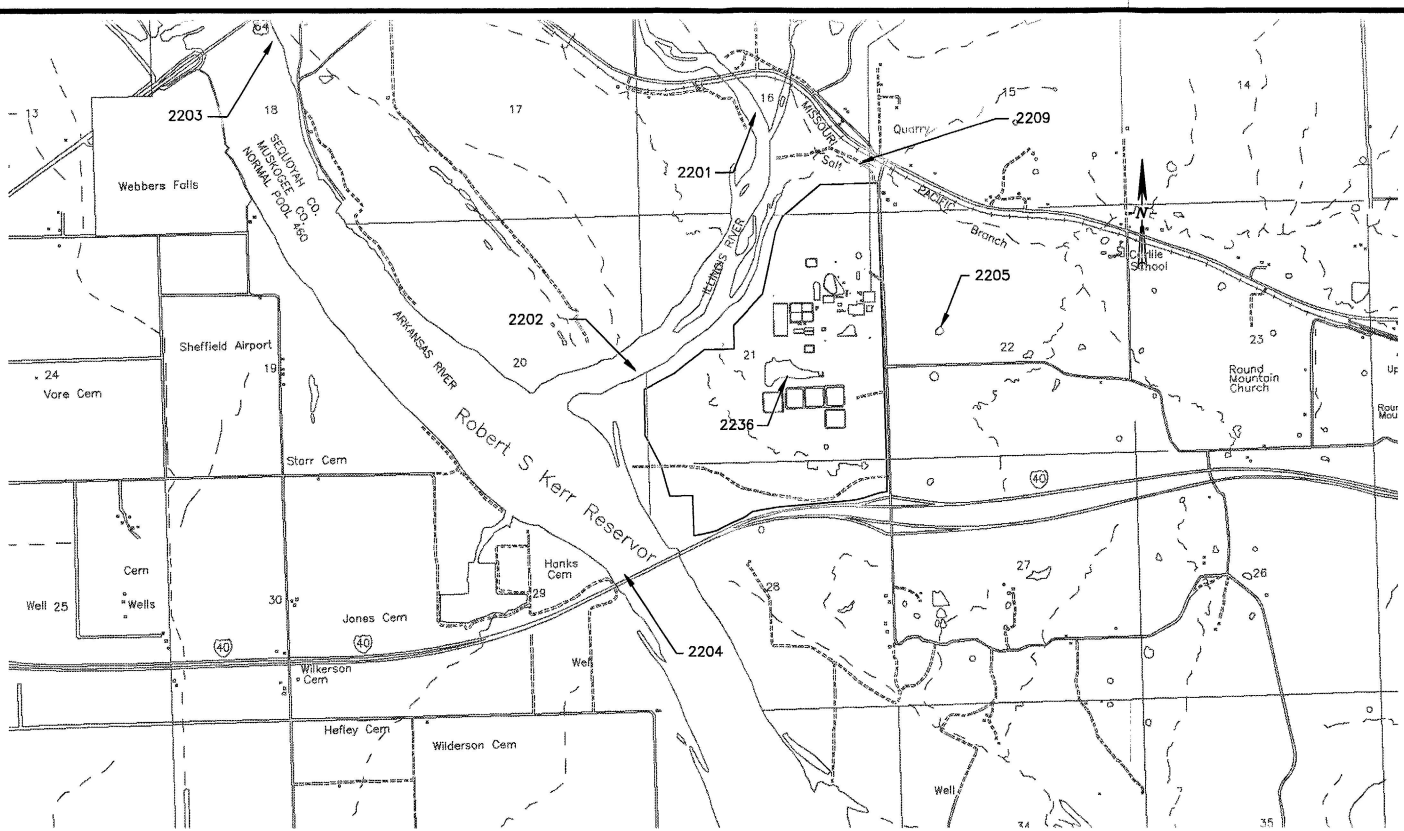
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: Ra/Th LEVELS IN SOURCES	
PREPARED BY: SFC	FILENAME: SFC0061A
REVIEWED BY: CH	FIGURE NO. 27
DATE: 11/23/98	

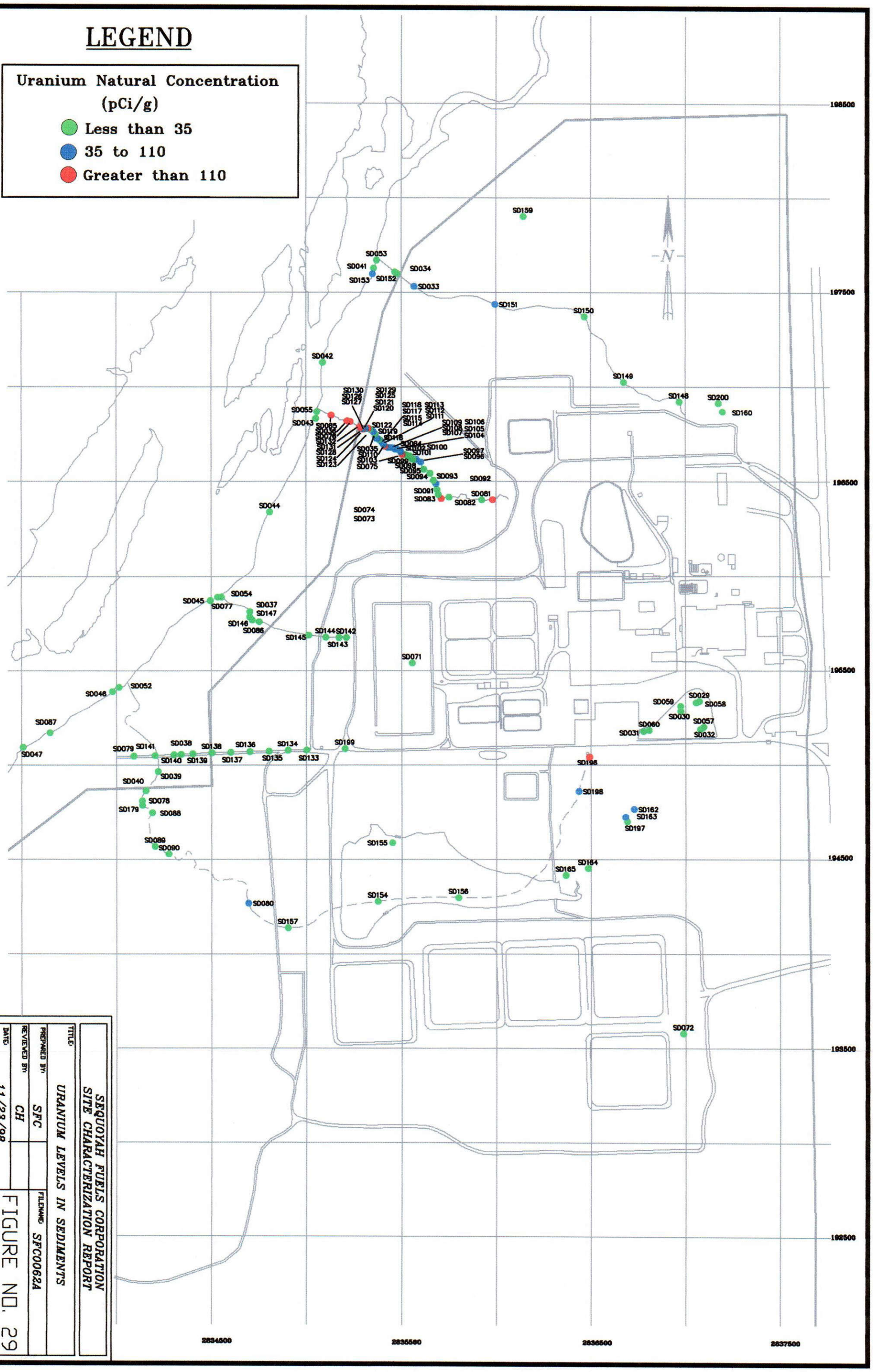


SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT		
TITLE:	SURFACE WATER SAMPLE LOCATIONS	
PREPARED BY: SFC	FILENAME: SFC0044A	
REVIEWED BY: KS		FIGURE NO. 28
DATE: 11/24/98		

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



SEQUOYAH FUELS CORPORATION	
SITE CHARACTERIZATION REPORT	
TITLE: *URANIUM LEVELS IN SEDIMENTS*	
PREPARED BY: *SFC*	FILENAME: *SFC0062A*
REVIEWED BY: *CH*	
DATE: *11/23/98*	FIGURE NO. 29

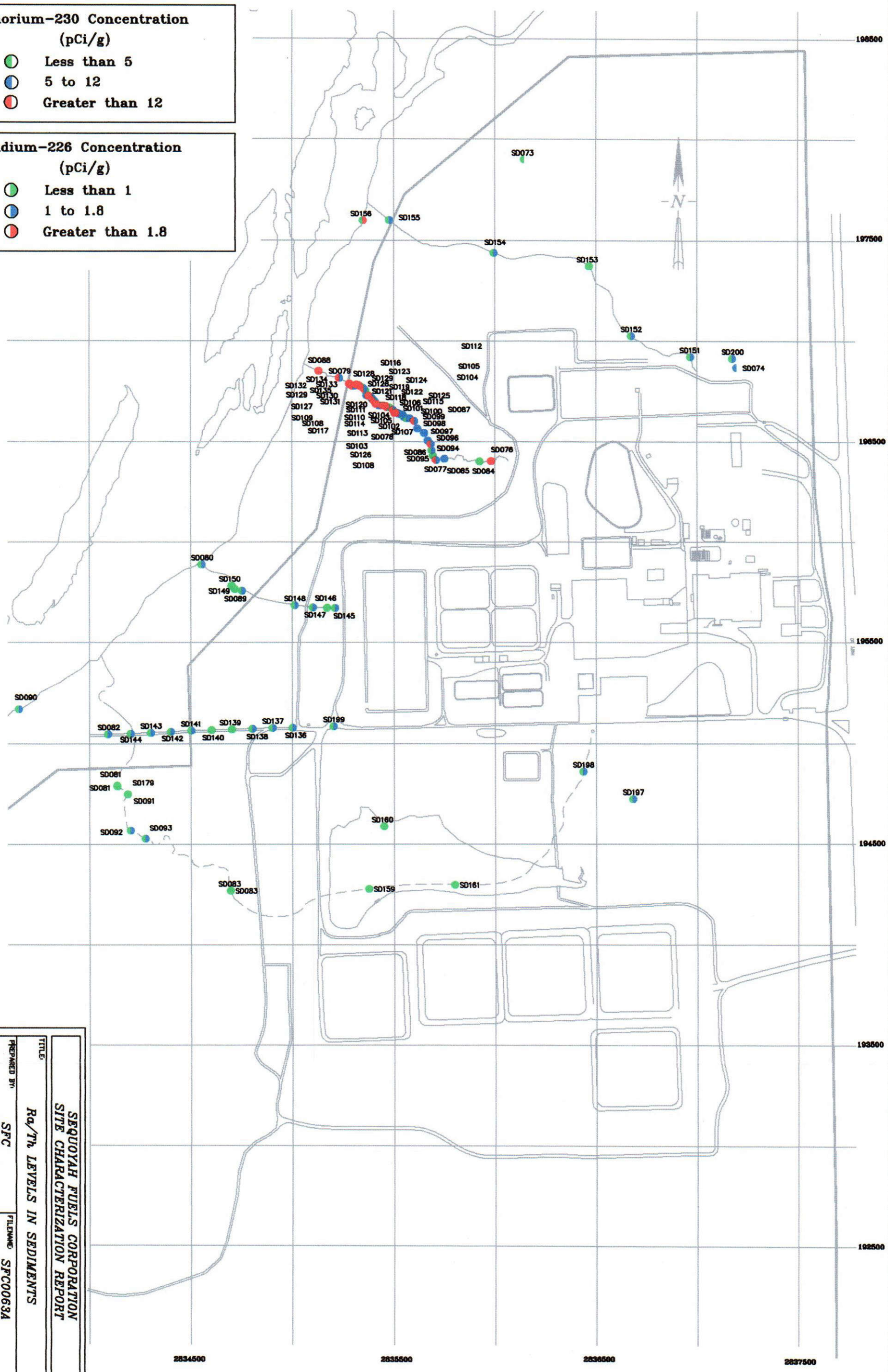
LEGEND

Thorium-230 Concentration (pCi/g)

- Less than 5
- 5 to 12
- Greater than 12

Radium-226 Concentration (pCi/g)

- Less than 1
- 1 to 1.8
- Greater than 1.8



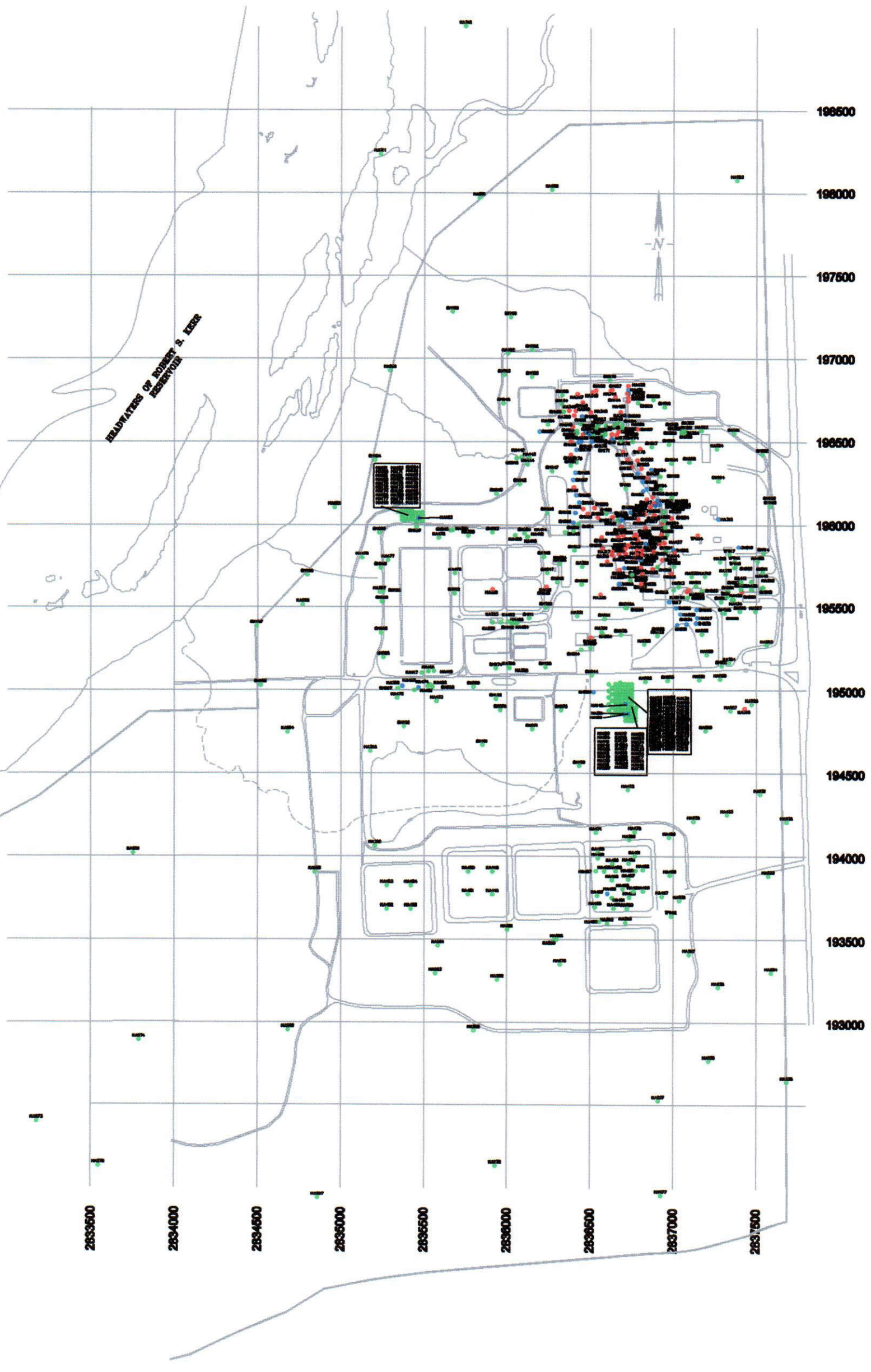
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: Ra/Th LEVELS IN SEDIMENTS	
PREPARED BY: SFC	FILENAME: SFC0063A
REVIEWED BY: CH	
DATE: 11/23/98	FIGURE NO. 30

C20

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



SEQUOYAH FUELS CORPORATION
SITE CHARACTERIZATION REPORT
URANIUM PLUME MAP
SFC0044A
FIGURE NO. 31

C21

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110

198500
198000
197500
197000
196500
196000
195500
195000
194500
194000
193500
193000
192500

N

SEQUOYAH FUELS CORPORATION
SITE CHARACTERIZATION REPORT

TITLE: URANIUM LEVELS IN SOIL 1-3 Feet depth

PROJECT NO: SFC
FILENAME: SFC00-104
DESIGNED BY: CE
DATE: 11/23/99

FIGURE NO. 32

C22

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110

N

198500
197500
196500
195500
194500
193500
2634500
2635500
2636500
2637500

BH108 BH109 BH092 BH093 BH053 BH077 BH079 BH080 BH144 BH048 BH110 BH096 BH090 BH052 BH081 BH104 BH042 BH085 BH088 BH082 BH047 BH084 BH043 BH045 BH087 BH083 BH064 BH062 BH051 BH132 BH133 BH138 BH151 BH020 BH057 BH058 BH063 BH050 BH046 BH155 BH019 BH027 BH012 BH015 BH014 BH029 BH024 BH003 BH028 BH146 BH147 BH016 BH095 BH096 BH023 BH033 BH022 BH009 BH008 BH005 BH111 BH061 BH034 BH107 BH056 BH091 BH078 BH032 BH031 BH030 BH037 BH066 BH074 BH125 BH044 BH105 BH067 BH068 BH069 BH075 BH086 BH103 BH070 BH073 BH072 BH102 BH071 BH101 BH100 BH120

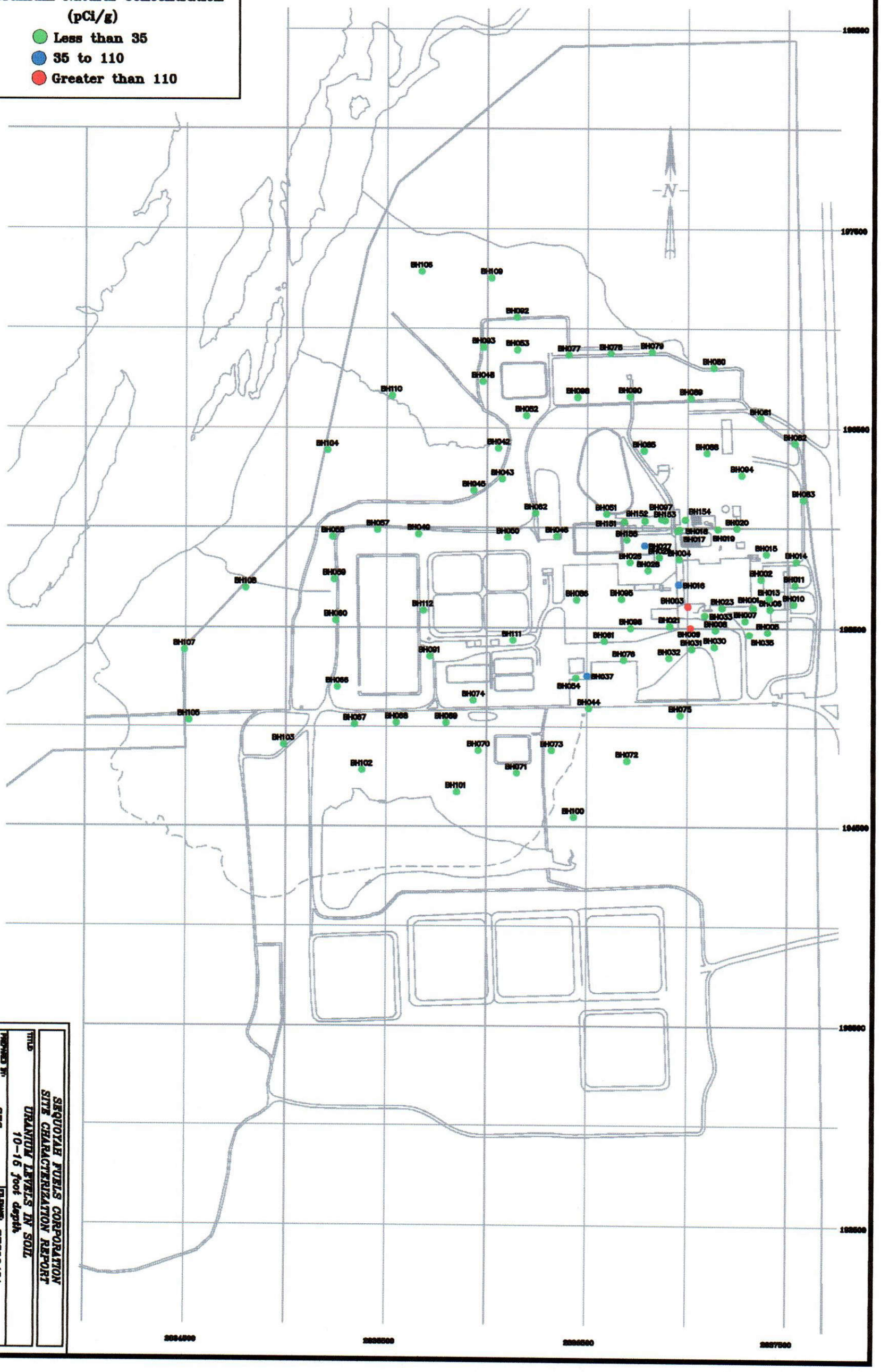
SEQUOYAH FUELS CORPORATION	
SITE CHARACTERIZATION REPORT	
TITLE: URANIUM IN SOILS 5-10 foot depth	
PREPARED BY: SJFC	FILENAME: SJFC00417A
REVIEWED BY: CH	
DATE: 11/23/98	FIGURE NO. 33

C23

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



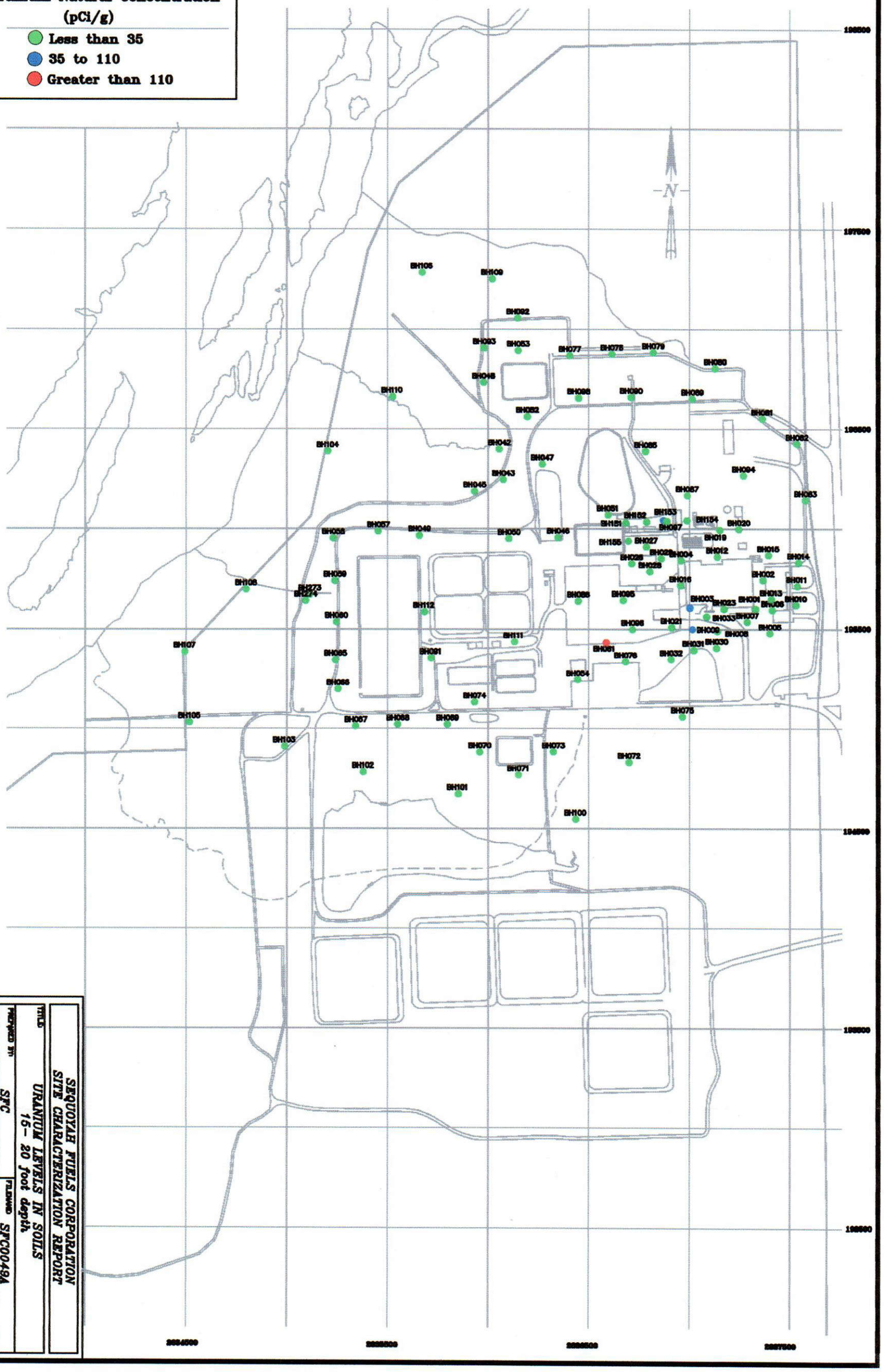
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: URANIUM LEVELS IN SOIL 10–16 foot depth.	
PREPARED BY: SFC	FILENAME: SFC00484
REVIEWED BY: CH	
DATE: 11/23/98	FIGURE NO. 34

C24

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



	SEQUOYAH FUELS CORPORATION
	SITE CHARACTERIZATION REPORT
TITLE	***URANIUM LEVELS IN SOILS 15- 20 foot depth***
PREPARED BY	SJFC
FILENAME	SFC00498A
REVIEWED BY	CH
DATE	11/23/98

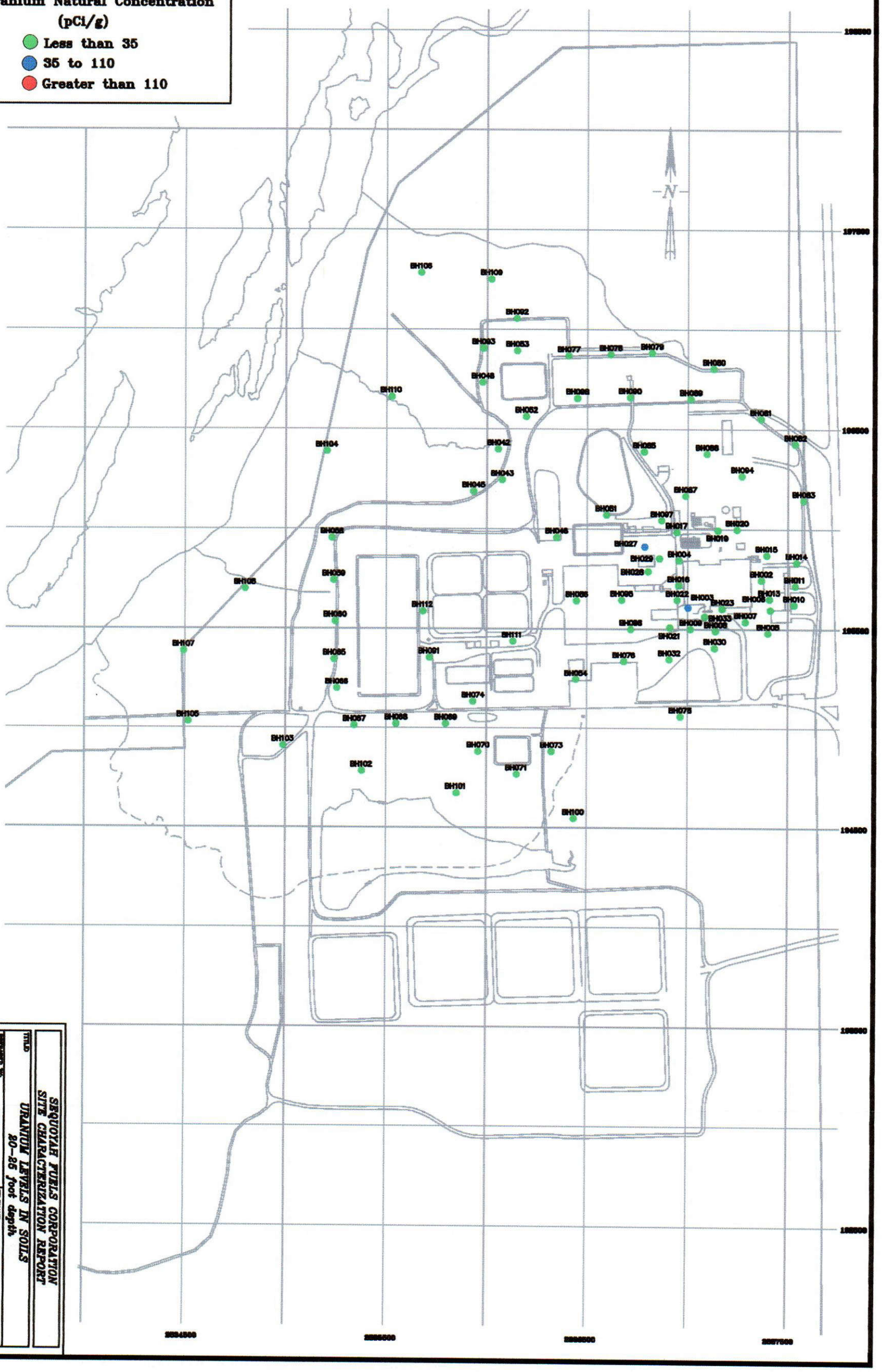
FIGURE NO. 35

C25

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: URANIUM LEVELS IN SOILS 20–25 foot depth	
PREPARED BY: SFC	FILENAME: SFC0060A
REVIEWED BY: CH	
DATED: 11/23/98	FIGURE NO. 36

C26

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110

N

198800

197800

196800

195800

194800

193800

192800

2034000

2035000

2036000

2037000

BH106 BH109 BH092 BH093 BH063 BH077 BH078 BH079 BH080 BH048 BH110 BH088 BH090 BH089 BH052 BH081 BH082 BH104 BH042 BH085 BH086 BH043 BH094 BH045 BH057 BH053 BH051 BH097 BH017 BH020 BH046 BH019 BH029 BH027 BH004 BH015 BH014 BH028 BH002 BH011 BH108 BH016 BH086 BH095 BH013 BH010 BH112 BH022 BH023 BH003 BH033 BH008 BH007 BH096 BH021 BH039 BH005 BH111 BH107 BH030 BH085 BH091 BH076 BH032 BH066 BH074 BH075 BH088 BH103 BH071 BH100

	SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT
TITLE	URANIUM LEVELS IN SOILS 26-30 foot depth
PREPARED BY:	SFC
FILENAME	SFC00514
REVIEWED BY:	CE
DATE	11/23/98

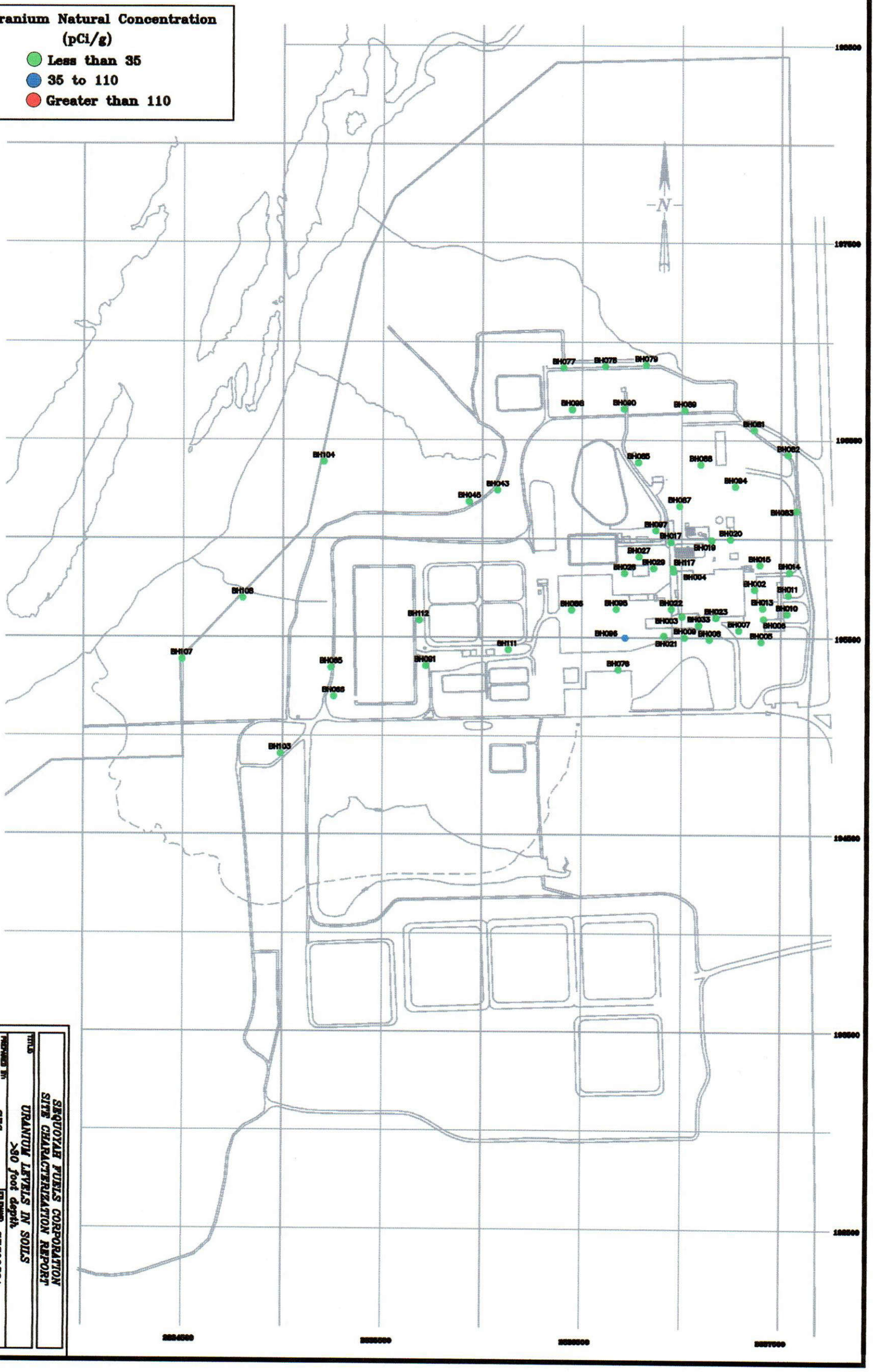
FIGURE NO. 37

C27

LEGEND

Uranium Natural Concentration (pCi/g)

- Less than 35
- 35 to 110
- Greater than 110



SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: URANIUM LEVELS IN SOILS >30 foot depth	
PREPARED BY: SFC	FILENAME: SFC00628
REVIEWED BY: CH	
DATE: 11/28/98	FIGURE NO. 38

C28

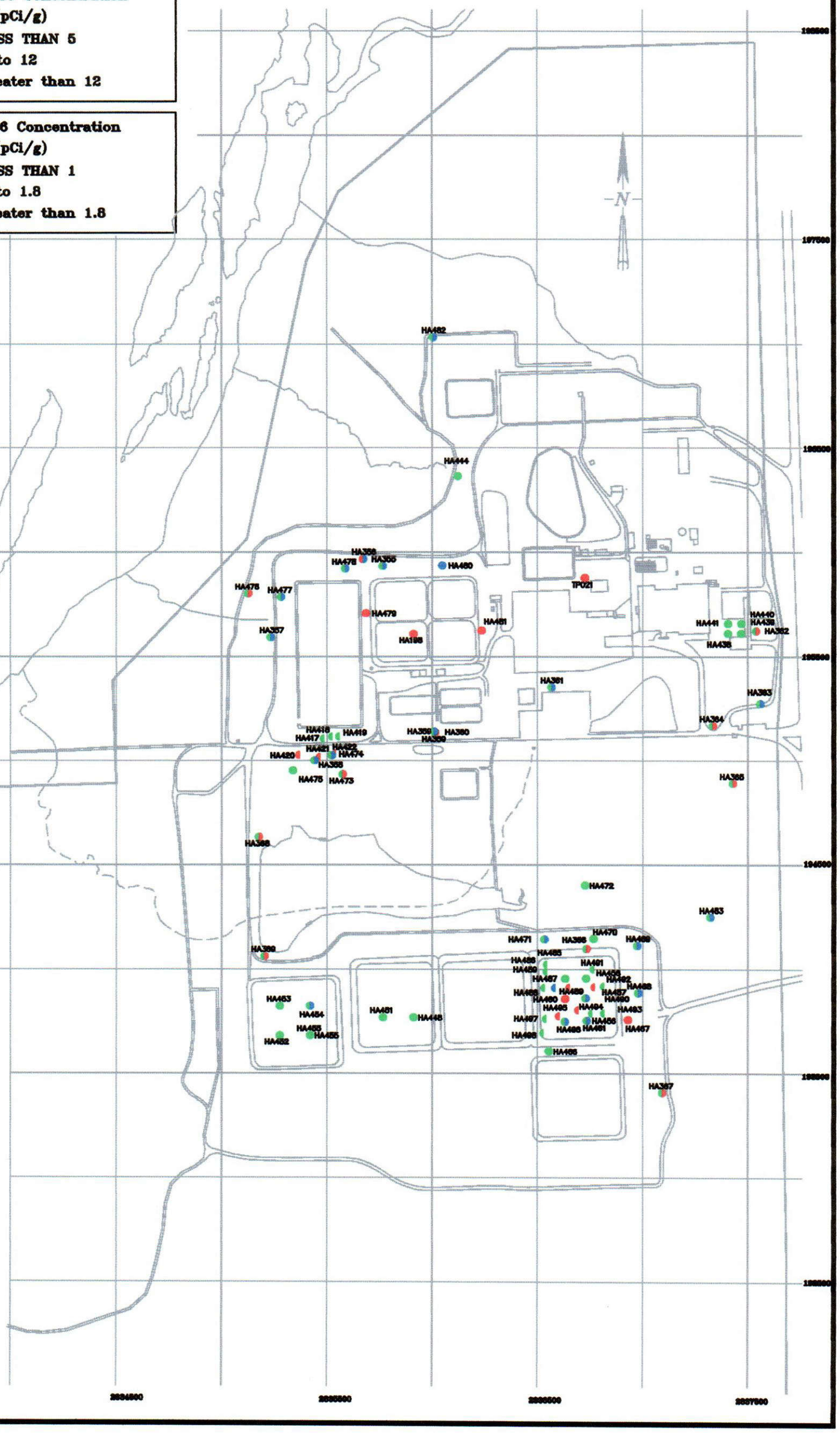
LEGEND

Thorium-230 Concentration (pCi/g)

- LESS THAN 5
- 5 to 12
- Greater than 12

Radium-226 Concentration (pCi/g)

- LESS THAN 1
- 1 to 1.8
- Greater than 1.8



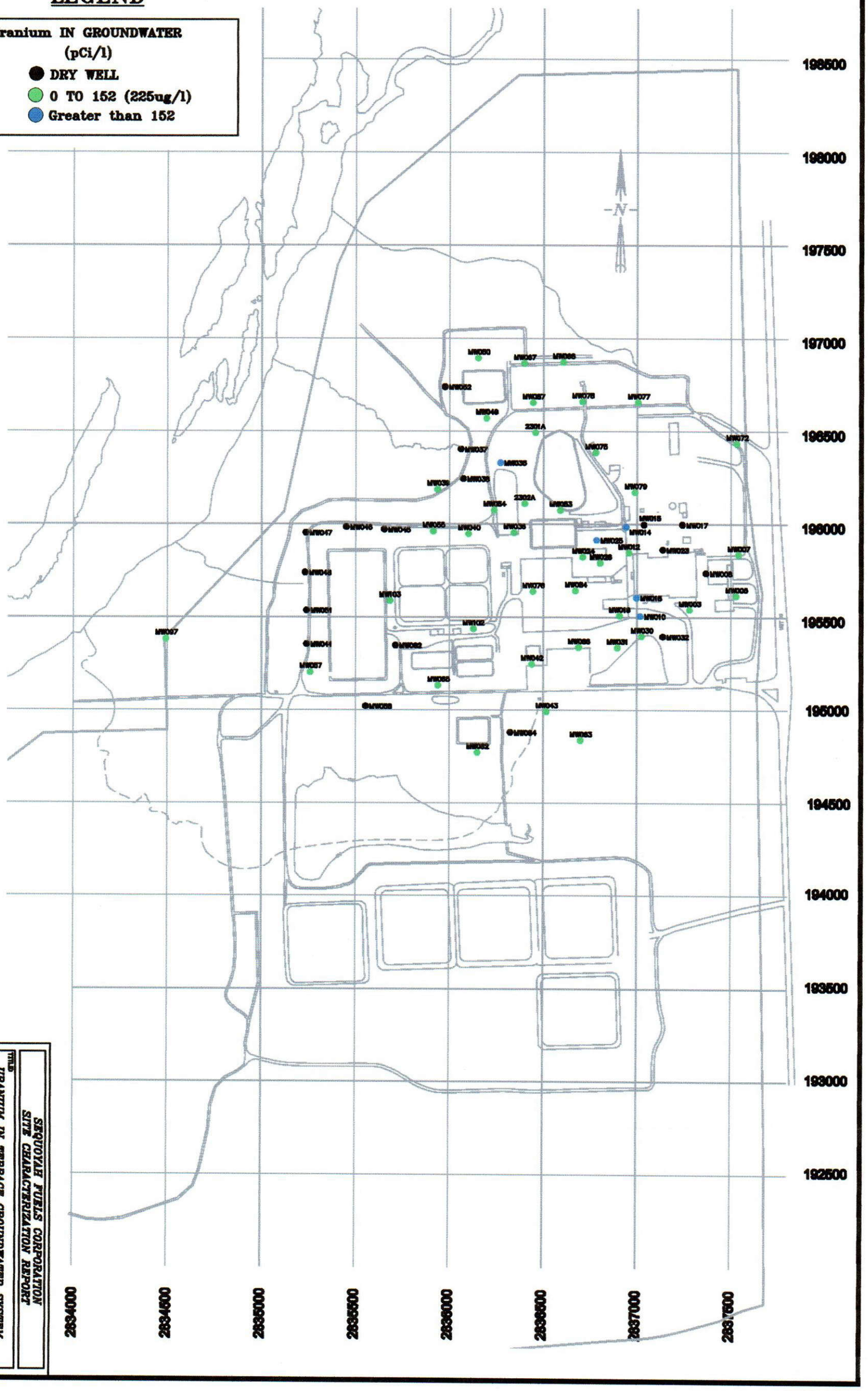
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: Ra/Th LEVELS IN SOIL 0-1 foot depth	
PREPARED BY: SFC	FILENAME: SFC00634
REVIEWED BY: CH	
DATE: 11/23/98	Figure No. 39

C29

LEGEND

Uranium IN GROUNDWATER (pCi/l)

- DRY WELL
- 0 TO 152 (225ug/l)
- Greater than 152



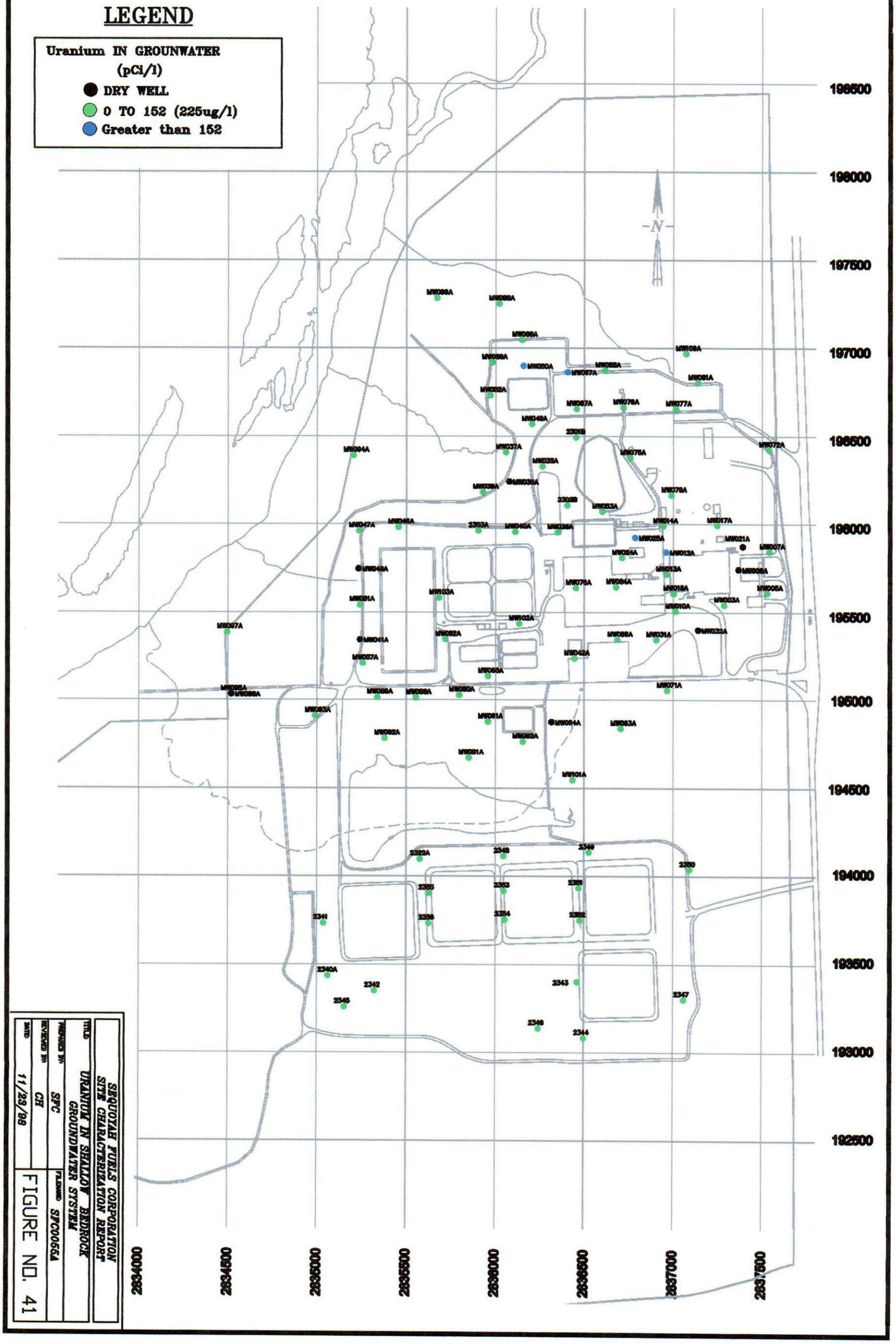
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: URANIUM IN TERRACE GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC00644A
REVIEWED BY: GH	
DATED: 11/23/98	FIGURE NO. 40

C30

LEGEND

Uranium IN GROUNWATER (pCi/l)

- DRY WELL
- 0 TO 152 (225ug/l)
- Greater than 152



SEQUOYAH FUELS CORPORATION	
SITE CHARACTERIZATION REPORT	
TITLE: URANIUM IN SHALLOW BEDROCK GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC00564
REVIEWED BY: CH	
DATE: 11/23/98	FIGURE NO. 41

C31

LEGEND

NITRATE IN TERRACE GROUNDWATER (mg/l)

- DRY WELL
- 0 TO 20
- Greater than 20

N

198500
198000
197500
197000
196500
196000
195500
195000
194500
194000
193500
193000
192500

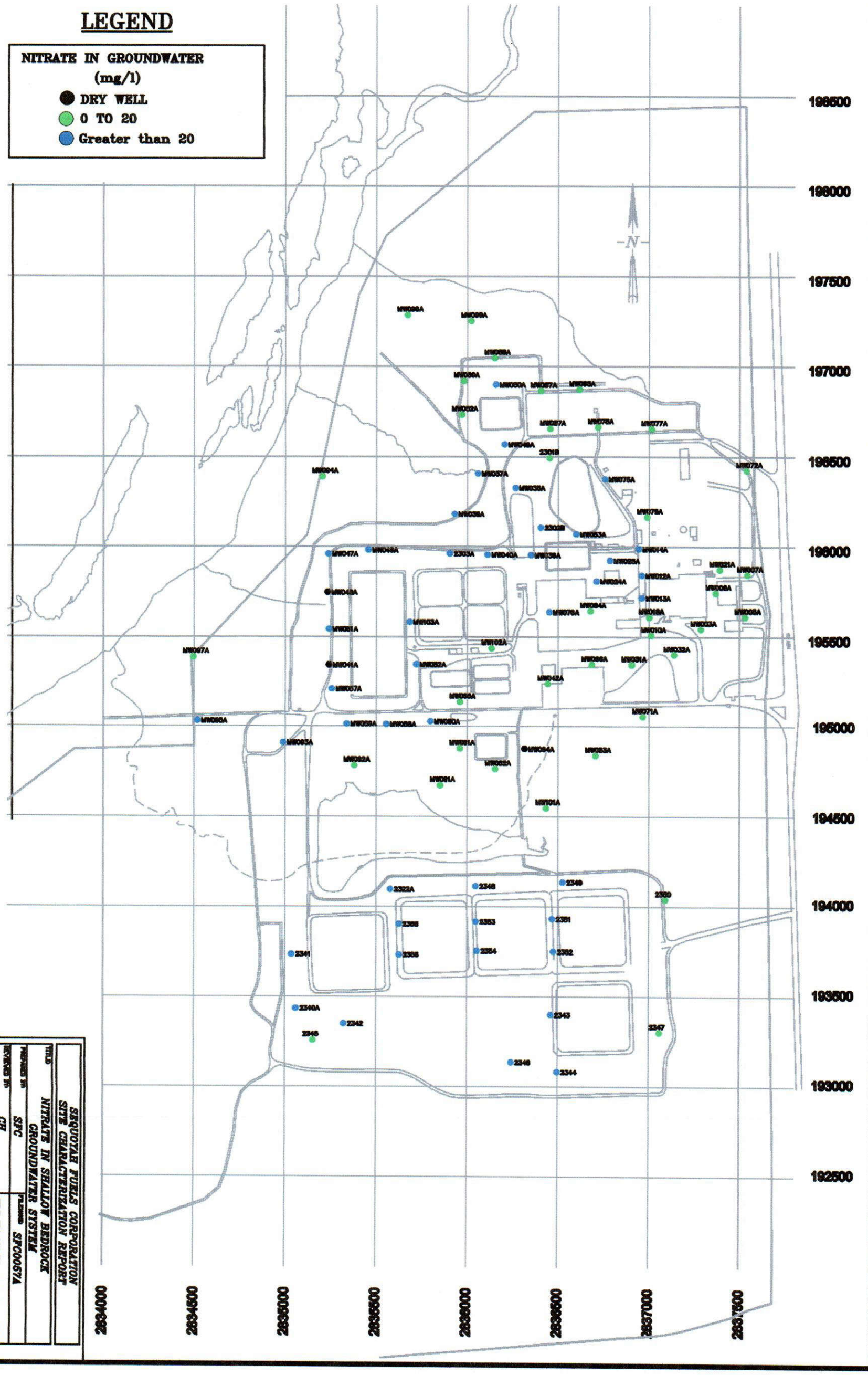
2634000
2635000
2636000
2637000
2638000
2639000
2640000

SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: NITRATE IN TERRACE GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC00684
REVISED BY: CH	
DATE: 11/23/98	FIGURE NO. 42

LEGEND

NITRATE IN GROUNDWATER (mg/l)

- DRY WELL
- 0 TO 20
- Greater than 20



SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: NITRATE IN SHALLOW BEDROCK GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC0067A
REVIEWED BY: CH	
DATE: 11/29/98	FIGURE NO. 43

C33

LEGEND

FLUORIDE IN GROUNDWATER (mg/l)

- DRY WELL
- 0 TO 1.6
- Greater than 1.6

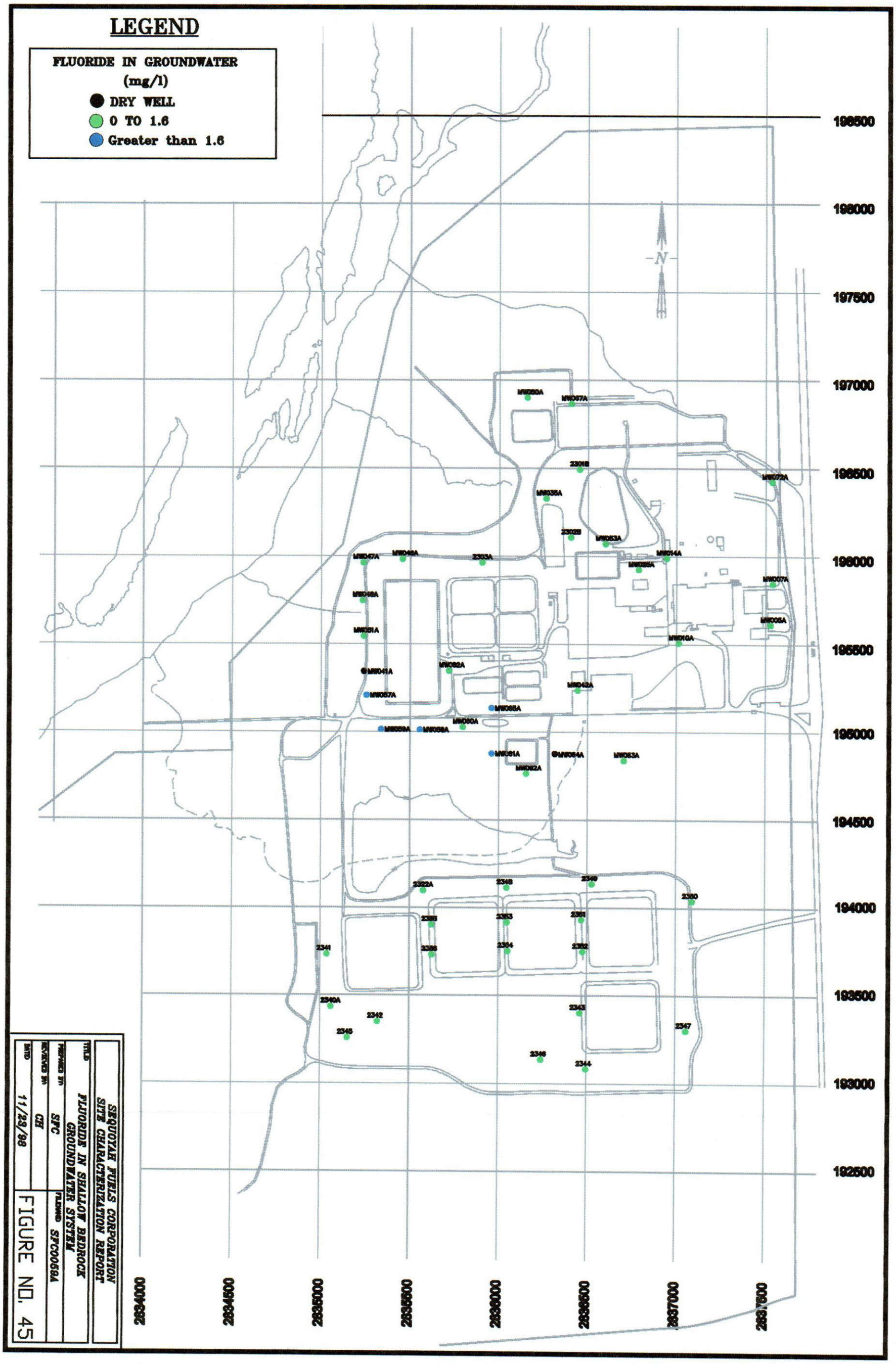
N

199500
199000
197500
197000
196500
196000
195500
195000
194500
194000
193500
193000
192500

2634000
2634500
2635000
2635500
2636000
2636500
2637000
2637500

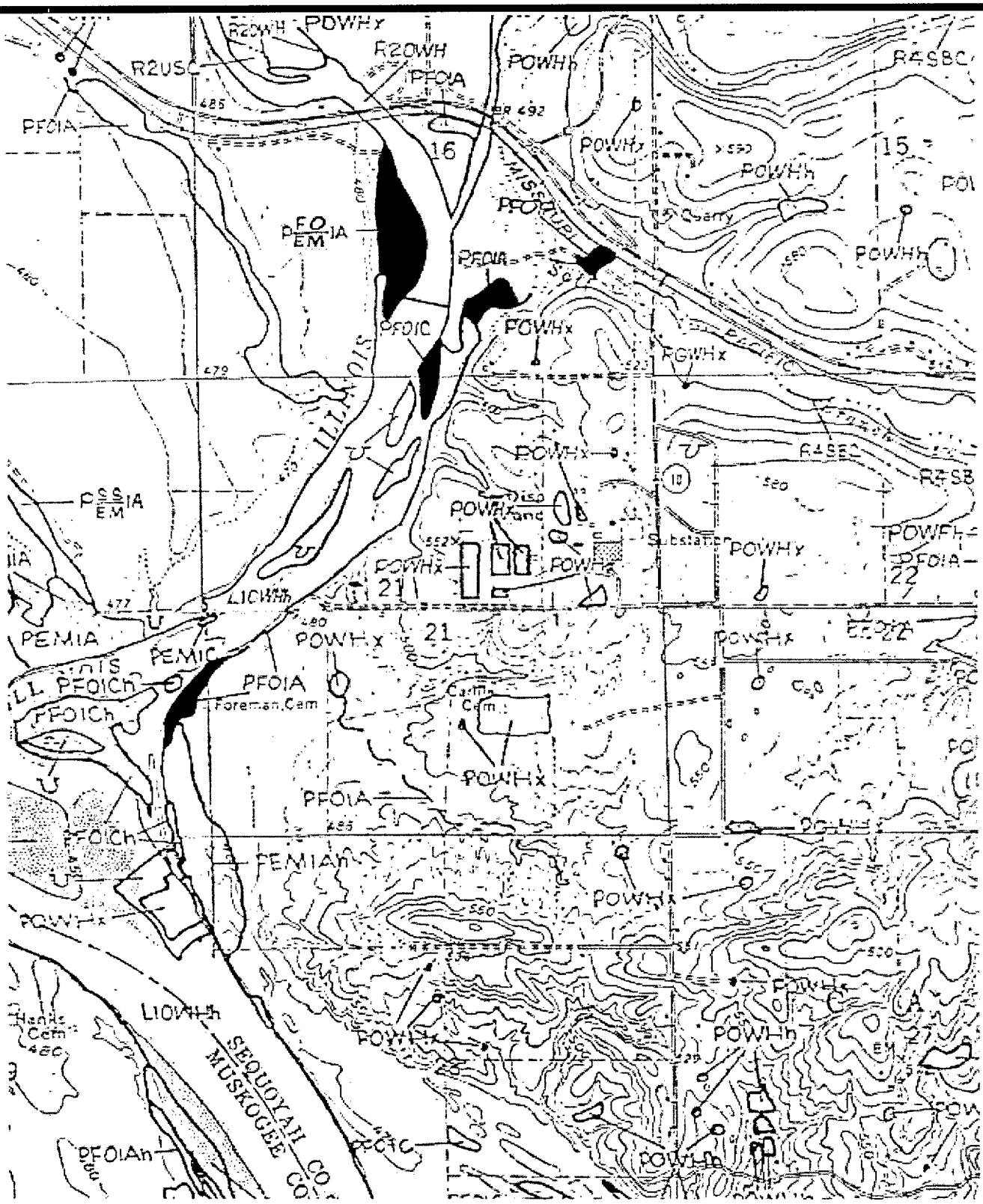
SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: FLUORIDE IN TERRACE GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC000584
REVIEWED BY: CH	
DATE: 11/23/98	FIGURE NO. 44

C34



SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: FLUORIDE IN SHALLOW BEDROCK GROUNDWATER SYSTEM	
PREPARED BY: SFC	FILENAME: SFC00698A
REVIEWED BY: CH	
DATED: 11/23/98	FIGURE NO. 45

C39



SAMPLE LOCATIONS

0 1/2 MILE 1MILE

STATE OF OKLAHOMA

SEQUOYAH FUELS CORPORATION SITE CHARACTERIZATION REPORT	
TITLE: WETLAND SAMPLE LOCATION	
PREPARED BY: SFC	FILENAME: SFC 0067A
REVIEWED BY: KS	FIGURE NO. 46
DATE: 11/24/98	