

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**Analytical results and sample locality maps  
of stream-sediment and soil samples  
from the Tio Flaco study area, El Correo quadrangle,  
northern Sonora, Mexico**

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## **STUDIES RELATED TO THE MEXICAN COOP PROGRAM**

The analytical results presented in this report are part of a larger cooperative program between the U.S. Geological Survey and the Consejo de Recursos Minerales of Mexico. The program, initiated in 1973, was designed to evaluate the use of a multidisciplinary (geology, geochemistry, and geophysics) approach to mineral exploration in the Sonoran environment. The project was initially funded by the government of Mexico, the U.S. Geological Survey, and the U.S. National Science Foundation.

### **INTRODUCTION**

In the spring and fall of 1978 we conducted a detailed geochemical survey of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.

The Tio Flaco study area comprises about 4 mi<sup>2</sup> (10 km<sup>2</sup>) in the center of the El Correo quadrangle, northern Sonora, Mexico and lies about 25 mi (40 km) southwest of Nogales, Arizona (fig. 1). Access to the vicinity of the study area is provided on Mexican National Highway 15 south for 12 miles from the international border and then west-southwest for 13 miles on an unnamed graded road. Access to the Tio Flaco study area is provided by a trail beginning at the settlement of La Cienega.

Rocks outcropping within the study area represent the central region of a large volcanic pile located in the central part of the El Correo quadrangle. The regional geologic units are latitic, probably of Mesozoic age, into which rhyolitic units have been emplaced, some of which are intrusive and others extrusive. Quartzite rests unconformably on the volcanic rocks. Regionally northwest-trending faults are cut by north-northeast-trending faults. Tertiary and younger gravels fill grabens formed by these faults and lap onto the older rocks.

The topographic relief in the study area is about 780 ft (240 m), with a maximum elevation of 4,460 ft (1,360 m). The ground surface is an uplifted region deeply incised by intermittent streams. Interstream uplands are covered by live oak, mesquite, and cacti. The climate is semiarid.

### **METHODS OF STUDY**

#### **Sample Collection**

We collected stream sediment samples at 401 sites (plate 1) and soil samples at 622 sites (plate 2). We analyzed 401 stream-sediment samples and 622 soil samples, for a sampling density of about 1 sample per .01 mi<sup>2</sup> for the stream sediment and about 1 sample per .006 mi<sup>2</sup> for the soil.

#### **Stream-sediment samples**

Analyses of the stream-sediment samples represent the chemistry of the rock material eroded from the drainage basin upstream from each sample site. Such information is useful in identifying those basins which contain concentrations of elements that may be related to mineral deposits.

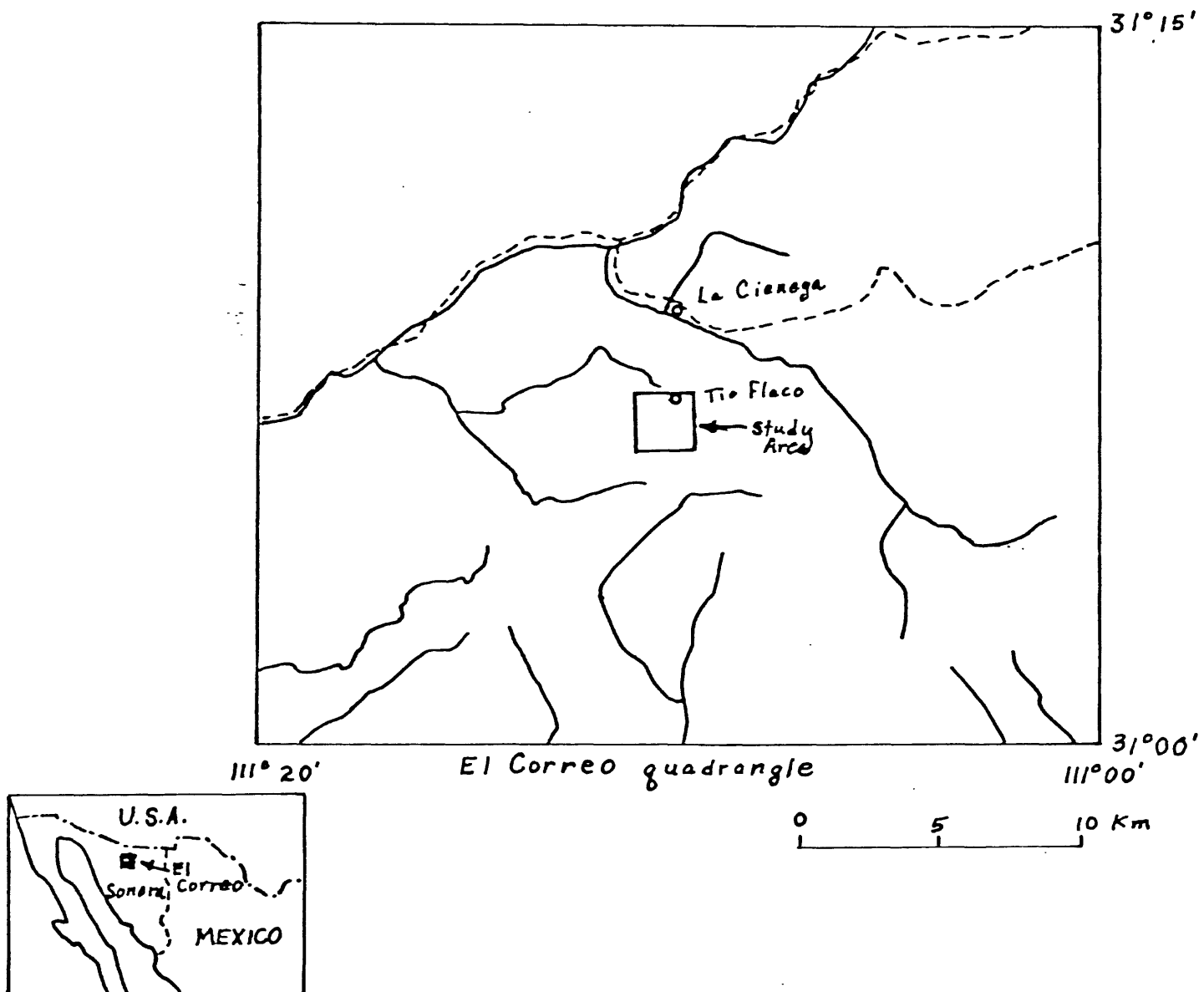


Figure 1.--Index map showing the location of the Tio Flaco study area, El Correo quadrangle, northern Sonora, Mexico

The stream-sediment samples consisted of active alluvium collected primarily from streams no longer than 200 m. Each sample was composited from several localities within an area that may extend as much as 30 ft from the site plotted on the map.

### **Soil samples**

The use of soil samples enabled us to obtain a greater sampling density in areas that were found to be anomalous in the elements of interest from the stream sediment sampling program. Soil was sampled on the ridges and wide interstream areas of the central part of the Tio Flaco area. This area, from the analytical data of the stream sediment samples, appeared to be the center of a large hydrothermal system extending over much of the El Correo area.

The stream sediment and soil samples were sieved at the collection site through a 30-mesh screen and the minus-30-mesh material was retained for analysis. The stream-sediment and soil samples were later pulverized with ceramic plates to minus 0.15 mm.

### **Sample Analysis by the Spectrographic Method**

We analyzed the stream-sediment and soil samples for 31 elements using a semiquantitative, direct-current arc emission spectrographic method (Grimes and Marranzino, 1968) (tables 1 and 2). Spectrographic results were obtained by visual comparison of spectra derived from the sample against spectra obtained from standards made from pure oxides and carbonates. Standard concentrations are geometrically spaced over any given order of magnitude of concentration as follows: 100, 50, 20, 10, and so forth. Samples whose concentrations are estimated to fall between those values are assigned values of 70, 30, 15, and so forth. The precision of the analytical method is approximately plus or minus one reporting unit at the 83 percent confidence level and plus or minus two reporting units at the 96 percent confidence level (Motooka and Grimes, 1976). Values determined for the major elements (iron, magnesium, calcium, and titanium) are given in weight percent; all others are given in parts per million (micrograms/gram) (table 3).

Gold, cadmium, niobium, antimony, tungsten, and thorium were not present in detectable quantities in either the stream-sediment or soil samples. Arsenic was not detected in any of the soil samples.

### **REFERENCES CITED**

- Grimes, D. J., and Marranzino, A. P., 1968, Direct-current arc and alternating-current spark emission spectrographic field methods for the semiquantitative analysis of geologic materials: U.S. Geological Survey Circular 591, 6 p.
- Motooka, J. M., and Grimes, D. J., 1976, Analytical precision of one-sixth order semiquantitative spectrographic analyses: U.S. Geological Survey Circular 738, 25 p.

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangulo, northern Sonora, Mexico.  
[ N, not detected; <, detected but below the limit of determination shown; >, determined to be greater than the value shown.]

Sample	X-Utm	Y-Utm	Fe-pct. s	Mg-pct. s	Ca-pct. s	Ti-pct. s	Mn-ppm s	Ag-ppm s	As-ppm s	B-ppm s
RLT1058	482,747.09	3,440,867.9	1.5	.50	.05	.15	700	.5	V	1,000
RLT1059	482,841.30	3,440,881.4	1.5	1.00	.20	.20	1,500	.7	V	500
RLT1060	482,845.04	3,440,865.0	1.0	.30	.05	.07	500	<.5	N	700
RLT1061	482,927.91	3,440,865.9	1.0	.20	<.05	.07	700	<.5	N	700
RLT1062	483,018.42	3,440,917.3	1.0	.30	<.05	.07	700	<.5	N	500
RLT1063	483,159.20	3,440,988.7	1.0	.20	<.05	.07	500	<.5	N	500
RLT1064	483,326.20	3,440,981.7	1.0	.50	.05	.15	700	<.5	N	300
RLT1065	483,397.84	3,441,011.7	1.5	.30	<.05	.10	700	<.5	N	500
RLT1066	483,384.05	3,441,025.7	1.0	.30	<.05	.07	700	<.5	N	300
RLT1067	482,664.13	3,440,822.8	1.0	.50	.07	.07	700	.5	N	300
RLT1068	482,727.04	3,440,893.2	1.0	.30	.05	.10	700	.5	V	300
RLT1069	482,749.76	3,440,952.4	1.0	.50	.05	.15	700	1.0	N	500
RLT1070	482,850.00	3,441,013.0	1.0	.30	<.05	.20	700	1.0	<200	700
RLT1071	482,948.53	3,441,151.1	2.0	.70	<.05	.20	1,500	2.0	200	2,000
RLT1072	482,904.42	3,441,066.7	1.5	.50	.10	.20	1,000	<.5	N	500
RLT1073	482,737.20	3,440,955.0	1.5	.50	.10	.10	1,500	.5	N	1,000
RLT1074	482,762.57	3,441,095.1	1.5	.30	<.05	.10	1,500	.7	<200	1,500
RLT1075	482,746.25	3,441,092.6	1.0	.70	.20	.10	1,000	<.5	N	500
RLT1076	482,863.31	3,441,246.1	1.5	.50	<.05	.15	1,500	1.0	V	1,500
RLT1077	482,830.66	3,441,246.3	1.5	1.00	.10	.20	1,500	<.5	N	1,500
RLT1078	482,970.13	3,441,288.6	1.5	.30	<.05	.20	1,000	.7	<200	1,000
RLT1079	483,034.24	3,441,323.7	1.5	.30	.05	.15	1,000	1.0	N	1,000
RLT1080	483,027.91	3,441,297.3	1.0	.50	<.05	.15	700	.5	N	500
RLT1081	483,119.00	3,441,425.0	2.0	.30	<.05	.10	300	.5	200	700
RLT1082	483,069.46	3,441,356.4	1.5	.30	<.05	.15	700	1.0	200	1,500
RLT1083	483,131.00	3,441,463.0	1.5	.50	<.05	.10	1,000	.5	<200	700
RLT1084	483,118.66	3,441,479.9	1.0	.50	<.05	.07	1,000	.5	N	700
RLT1085	483,148.86	3,441,515.2	1.5	.70	.05	.15	1,000	.7	N	1,000
RLT1086	483,142.61	3,441,527.8	1.0	1.00	.05	.10	1,500	1.0	N	700
RLT1087	483,181.00	3,441,531.0	1.5	1.00	.07	.15	1,000	.7	N	500
RLT1088	483,188.00	3,441,519.0	1.5	1.00	.05	.20	1,500	1.0	N	1,500
RLT1089	483,210.54	3,441,594.4	1.5	.70	.05	.10	1,000	1.0	N	300
RLT1090	483,219.30	3,441,580.5	1.5	.50	<.05	.10	1,000	<.5	N	700
RLT1091	482,738.00	3,441,100.0	1.0	1.00	.15	.20	2,000	.7	V	300
RLT1092	482,730.03	3,441,152.0	1.5	1.00	.10	.20	1,000	.5	V	500
RLT1093	482,737.75	3,441,250.4	2.0	.70	.20	.15	1,500	.5	N	300
RLT1094	482,680.37	3,440,778.5	1.0	.70	.05	.10	1,000	<.5	V	500
RLT1095	482,768.28	3,440,779.4	1.5	.70	.07	.10	1,500	<.5	N	1,000
RLT1096	482,903.91	3,440,785.2	1.5	.70	.05	.07	1,500	<.5	N	700
RLT1097	482,988.00	3,440,769.0	1.5	.70	.10	.15	1,500	<.5	N	700
RLT1098	482,978.01	3,440,791.2	1.0	.70	.07	.15	1,000	<.5	N	500
RLT1099	482,669.04	3,440,759.6	.7	.15	.05	.07	700	<.5	N	100
RLT1100	482,783.09	3,440,638.0	1.0	.10	.05	.10	50	<.5	N	50
RLT1101	482,781.88	3,440,664.5	1.0	.30	.05	.07	500	.7	N	2,000
RLT1102	482,869.00	3,440,563.0	1.5	.20	.05	.10	700	<.5	N	700

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1058	70C	2.0	<10	5	15	30	70	<5	<5
RLT1059	70C	2.0	<10	15	<10	30	70	<5	15
RLT1060	50C	1.5	<10	<5	<10	20	50	<5	<5
RLT1061	50C	1.5	<10	<5	<10	30	30	<5	<5
RLT1062	70C	1.5	<10	<5	<10	30	30	<5	<5
RLT1063	70C	1.5	<10	<5	<10	20	30	<5	<5
RLT1064	70C	2.0	<10	<5	<10	30	30	<5	<5
RLT1065	50C	1.5	<10	<5	<10	30	30	<5	<5
RLT1066	70C	1.5	<10	<5	<10	30	50	<5	<5
RLT1067	70C	1.5	10	<5	<10	50	30	<5	<5
RLT1068	70C	1.0	<10	<5	<10	30	50	<5	<5
RLT1069	70C	1.5	10	7	<10	100	50	10	<5
RLT1070	70C	1.5	30	<5	<10	70	50	5	<5
RLT1071	70C	1.0	20	10	<10	150	50	20	<5
RLT1072	70C	1.5	<10	7	<10	50	50	<5	7
RLT1073	700	1.5	20	5	<10	70	30	<5	<5
RLT1074	70C	1.0	15	<5	<10	50	30	7	<5
RLT1075	70C	1.5	<10	5	<10	50	50	<5	<5
RLT1076	70C	1.0	70C	5	<10	70	30	5	<5
RLT1077	1,000	1.5	<10	7	15	70	70	<5	20
RLT1078	700	1.5	<10	<5	<10	50	70	7	<5
RLT1079	700	1.5	<10	<5	<10	30	50	<5	<5
RLT1080	30C	2.0	30C	15	<10	70	<20	15	<5
RLT1081	30C	3.0	10	<5	<10	70	<20	10	5
RLT1082	70C	3.0	15	5	<10	100	50	10	<5
RLT1083	70C	2.0	10	5	<10	50	70	5	<5
RLT1084	70C	1.5	N	<5	<10	30	30	<5	<5
RLT1085	70C	2.0	<10	15	<10	70	70	50	5
RLT1086	70C	3.0	<10	15	<10	70	70	7	5
RLT1087	70C	3.0	<10	10	<10	70	100	50	7
RLT1088	70C	3.0	<10	20	10	150	70	10	5
RLT1089	70C	2.0	<10	<5	10	50	70	10	<5
RLT1090	70C	2.0	<10	5	<10	50	70	<5	5
RLT1091	1,000	1.5	<10	15	<10	30	50	<5	<5
RLT1092	70C	2.0	50	15	<10	50	70	5	7
RLT1093	70C	2.0	<10	10	<10	50	50	<5	<5
RLT1094	70C	1.5	N	5	<10	30	50	<5	15
RLT1095	70C	1.5	N	<5	<10	30	30	<5	5
RLT1096	50C	1.5	<10	5	<10	30	30	5	10
RLT1097	70C	2.0	<10	10	20	50	50	<5	30
RLT1098	70C	3.0	<10	15	20	30	70	<5	30
RLT1099	70C	1.0	N	<5	<10	15	20	<5	N
RLT1100	70C	1.0	<10	<5	<10	15	20	<5	<5
RLT1101	70C	1.5	10	<5	<10	20	30	<5	<5
RLT1102	70C	1.5	<10	5	<10	30	30	<5	<5

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo quadrangle, northern Sonora, Mexico.

Sample	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S
RLT1058	70	5	<10	150	15	50	N	70
RLT1059	70	7	15	150	70	50	700	70
RLT1060	70	<5	<10	150	10	50	N	70
RLT1061	50	5	<10	<100	10	50	N	70
RLT1062	70	<5	<10	100	10	50	N	70
RLT1063	50	<5	<10	100	10	50	N	50
RLT1064	70	5	<10	150	15	70	<200	70
RLT1065	70	<5	<10	<100	10	50	N	70
RLT1066	70	5	<10	<100	10	70	N	70
RLT1067	200	<5	<10	150	15	30	<200	70
RLT1068	300	<5	<10	100	20	50	<200	70
RLT1069	500	5	20	100	30	50	500	70
RLT1070	300	5	15	100	15	70	700	70
RLT1071	300	5	30	100	15	70	700	70
RLT1072	70	5	10	150	15	70	200	70
RLT1073	300	<5	10	150	15	50	300	70
RLT1074	300	<5	10	<100	15	50	200	70
RLT1075	150	7	10	150	20	70	<200	70
RLT1076	300	5	10	100	15	50	300	70
RLT1077	100	7	<10	150	30	70	200	70
RLT1078	200	<5	10	100	20	70	300	70
RLT1079	200	5	10	100	20	70	300	70
RLT1080	500	<5	<10	<100	30	30	N	30
RLT1081	300	7	<10	<100	15	20	N	30
RLT1082	200	7	20	100	15	70	200	70
RLT1083	100	5	10	150	15	50	200	70
RLT1084	200	5	15	150	20	50	300	70
RLT1085	500	5	15	150	30	70	500	70
RLT1086	200	5	15	200	15	100	700	70
RLT1087	700	5	20	200	50	70	300	70
RLT1088	300	7	20	300	15	150	200	70
RLT1089	1,500	5	30	150	20	70	500	70
RLT1090	200	<5	10	100	15	70	700	70
RLT1091	300	5	<10	150	20	50	<200	70
RLT1092	200	5	<10	150	20	100	<200	70
RLT1093	300	5	<10	150	20	50	N	70
RLT1094	70	<5	<10	150	15	30	N	70
RLT1095	70	<5	<10	150	15	50	N	70
RLT1096	300	<5	<10	<100	15	30	<200	70
RLT1097	300	5	<10	100	20	50	N	70
RLT1098	70	7	<10	150	20	70	N	70
RLT1099	70	<5	N	<100	10	20	N	70
RLT1100	100	<5	<10	<100	15	30	N	70
RLT1101	200	<5	20	<100	15	50	N	100
RLT1102	70	5	<10	<100	10	50	N	70



Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	X-Utm	Y-Utm	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-ppt. S	Mn-ppt. S	Ag-ppt. S	As-ppt. S	B-ppt. S
RLT1103	482,860.85	3,440,588.4	1.0	.30	.05	.07	500	<.5	N	1,500
RLT1104	482,956.00	3,440,588.0	.7	.30	.07	.07	500	<.5	N	1,000
RLT1105	483,019.16	3,440,637.0	1.0	.30	.05	.07	1,000	.5	N	1,500
RLT1106	482,996.34	3,440,518.4	1.0	.20	<.05	.07	500	<.5	N	1,000
RLT1107	483,135.68	3,440,486.3	1.0	.30	.05	.10	1,500	<.5	N	1,000
RLT1108	483,145.66	3,440,453.5	1.5	.30	.05	.10	700	<.5	N	500
RLT1109	483,241.25	3,440,533.9	1.0	.30	<.05	.07	500	<.5	N	700
RLT1110	483,319.00	3,440,475.5	1.0	.20	.05	.10	500	<.5	N	300
RLT1111	482,650.00	3,440,806.0	1.5	.20	.05	.10	700	<.5	N	300
RLT1112	483,425.81	3,440,516.7	1.5	.20	.05	.15	700	<.5	N	300
RLT1113	483,516.27	3,440,539.1	1.5	.20	.05	.10	700	<.5	N	200
RLT1114	483,615.55	3,440,581.6	1.5	.30	<.05	.15	500	<.5	N	200
RLT1115	483,707.43	3,440,698.7	1.0	.30	.05	.15	700	<.5	N	200
RLT1116	483,688.60	3,440,700.0	1.0	.20	<.05	.07	300	<.5	N	300
RLT1117	483,713.75	3,440,722.6	1.0	.70	.10	.10	700	<.5	N	300
RLT1118	483,766.53	3,440,740.1	1.0	.50	.05	.10	500	<.5	N	100
RLT1119	483,750.22	3,440,749.0	1.0	.70	.07	.10	700	<.5	N	300
RLT1120	483,775.51	3,440,842.3	1.5	.70	.05	.15	700	<.5	N	300
RLT1121	483,760.44	3,440,844.9	1.0	.70	.07	.15	700	<.5	N	300
RLT1122	483,768.11	3,440,919.3	1.0	.50	<.05	.10	500	<.5	N	300
RLT1123	483,759.30	3,440,906.8	1.5	.70	.20	.20	1,000	<.5	N	300
RLT1124	483,833.43	3,440,929.2	1.0	.20	.05	.20	500	<.5	N	150
RLT1125	483,818.37	3,440,931.8	1.0	.30	.05	.15	1,500	<.5	N	300
RLT1126	483,846.94	3,440,763.8	1.5	.50	.07	.20	1,000	<.5	N	100
RLT1127	483,932.36	3,440,779.8	1.0	.70	.20	.15	700	<.5	N	200
RLT1128	484,006.78	3,440,866.1	1.0	.30	.05	.10	1,000	<.5	N	200
RLT1129	483,990.31	3,440,880.6	1.0	.30	.07	.10	700	<.5	N	150
RLT1130	483,982.91	3,440,955.1	1.0	.70	.10	.15	700	<.5	N	100
RLT1131	484,100.57	3,440,933.1	1.5	.70	.07	.15	2,000	.5	N	200
RLT1132	484,150.64	3,441,037.3	1.0	.20	.30	.07	1,000	N	N	100
RLT1133	483,215.98	3,440,453.2	1.0	.20	.05	.10	700	<.5	N	150
RLT1134	482,553.73	3,440,881.3	1.0	.50	.10	.15	2,000	1.0	N	200
RLT1135	482,625.00	3,440,944.0	1.5	.70	.15	.20	1,000	.5	N	200
RLT1136	482,619.00	3,440,988.0	1.0	.50	.10	.10	1,000	<.5	N	300
RLT1137	482,599.14	3,440,993.4	1.5	1.00	.20	.15	2,000	1.5	N	300
RLT1138	483,296.59	3,441,952.6	1.0	.70	.05	.10	1,500	.7	N	300
RLT1139	483,304.17	3,441,979.1	1.5	.70	.10	.20	1,000	1.0	N	300
RLT1140	483,340.64	3,442,008.0	1.5	.70	.10	.20	300	.5	N	300
RLT1141	483,390.90	3,442,026.8	1.5	.70	.05	.20	2,000	.7	N	700
RLT1142	483,383.39	3,442,038.1	1.5	.70	.07	.10	1,000	1.0	N	1,000
RLT1143	483,446.23	3,442,064.4	1.5	1.00	.05	.20	1,000	1.5	N	1,500
RLT1144	483,481.43	3,442,089.5	1.0	.70	<.05	.10	2,000	1.0	N	1,000
RLT1145	483,575.57	3,442,065.1	1.5	.50	.05	.15	1,500	.5	N	300
RLT1146	483,611.88	3,442,008.2	2.0	.70	<.05	.15	700	<.5	N	150
RLT1147	483,589.29	3,442,013.3	1.5	.70	<.05	.10	500	<.5	N	1,000

Table 1. Analytical data for ~~30~~ mesh stream sediment samples collected during the U.S.-G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Ba-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1103	500	3.0	<10	<5	<10	15	30	<5	<5
RLT1104	700	1.5	<10	<5	10	15	30	<5	<5
RLT1105	700	2.0	<10	<5	<10	30	30	<5	<5
RLT1106	700	1.0	<10	<5	<10	30	30	<5	<5
RLT1107	700	2.0	<10	5	<10	30	30	<5	5
RLT1108	700	1.5	<10	7	<10	50	30	5	<5
RLT1109	500	2.0	<10	<5	<10	30	20	<5	<5
RLT1110	700	1.5	<10	<5	<10	20	50	<5	<5
RLT1111	500	1.0	<10	<5	<10	20	20	<5	<5
RLT1112	700	1.5	<10	5	15	30	30	7	50
RLT1113	700	1.0	<10	5	<10	30	30	<5	<5
RLT1114	700	1.5	10	15	<10	50	30	<5	<5
RLT1115	700	1.5	<10	10	<10	50	30	<5	<5
RLT1116	500	1.0	<10	<5	<10	20	50	N	<5
RLT1117	500	1.5	<10	<5	20	50	50	N	30
RLT1118	700	1.0	<10	<5	<10	50	30	<5	<5
RLT1119	700	1.0	<10	<5	<10	30	30	<5	<5
RLT1120	700	1.5	<10	<5	<10	50	30	<5	<5
RLT1121	700	1.5	<10	10	<10	30	20	<5	30
RLT1122	500	1.0	<10	<5	<10	30	20	<5	<5
RLT1123	1,000	1.5	N	15	10	30	100	<5	15
RLT1124	1,000	1.0	<10	<5	<10	20	70	<5	<5
RLT1125	700	1.5	<10	<5	<10	30	30	<5	<5
RLT1126	1,000	1.5	<10	15	10	50	30	5	<5
RLT1127	1,000	1.5	<10	7	<10	100	50	<5	<5
RLT1128	700	1.0	<10	5	<10	30	30	<5	<5
RLT1129	700	1.5	<10	5	10	30	30	<5	7
RLT1130	700	1.5	N	7	10	50	50	N	20
RLT1131	700	1.5	N	15	<10	70	50	<5	<5
RLT1132	700	1.0	<10	<5	<10	30	50	N	<5
RLT1133	700	1.5	<10	10	<10	50	30	<5	<5
RLT1134	1,000	1.5	<10	7	<10	70	30	<5	<5
RLT1135	1,000	1.5	<10	7	<10	100	50	<5	<5
RLT1136	700	1.5	<10	5	<10	30	30	<5	<5
RLT1137	1,000	2.0	10	15	<10	150	50	<5	<5
RLT1138	700	2.0	10	<5	<10	50	70	<5	<5
RLT1139	700	1.5	<10	<5	<10	50	70	5	<5
RLT1140	700	2.0	<10	5	<10	50	50	<5	<5
RLT1141	700	1.5	<10	7	<10	70	50	<5	<5
RLT1142	1,000	1.5	<10	<5	<10	70	30	<5	<5
RLT1143	1,000	2.0	<10	10	<10	70	50	7	<5
RLT1144	1,000	1.5	200	<5	<10	70	30	<5	<5
RLT1145	700	1.5	<10	5	<10	100	50	<5	<5
RLT1146	700	1.0	<10	10	10	100	20	5	<5
RLT1147	700	1.5	10	10	10	70	50	5	7

Table 1. Analytical data for ~~30~~ mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb- $\mu$ m s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RLT1103	70	<5	<10	<100	10	30	N	70
RLT1104	50	<5	<10	100	10	50	N	70
RLT1105	50	<5	<10	100	10	50	N	100
RLT1106	100	<5	<10	100	10	30	<200	70
RLT1107	70	<5	<10	100	10	70	N	70
RLT1108	100	<5	<10	150	10	30	<200	100
RLT1109	30	<5	<10	<100	10	50	N	70
RLT1110	70	<5	<10	150	10	50	N	70
RLT1111	100	5	<10	<100	20	70	<200	70
RLT1112	70	<5	<10	<100	15	70	200	100
RLT1113	70	<5	<10	100	15	70	N	70
RLT1114	150	<5	<10	<100	20	50	<200	70
RLT1115	150	7	<10	150	30	150	200	100
RLT1116	70	<5	<10	<100	10	50	N	70
RLT1117	70	<5	<10	<100	15	50	N	70
RLT1118	70	<5	<10	100	15	30	N	70
RLT1119	50	<5	<10	150	15	50	N	70
RLT1120	70	7	<10	<100	20	50	200	100
RLT1121	70	5	<10	150	20	70	N	70
RLT1122	50	<5	<10	<100	15	30	N	70
RLT1123	50	7	<10	200	30	100	<200	100
RLT1124	70	5	<10	<100	30	70	<200	200
RLT1125	70	5	<10	<100	20	50	<200	200
RLT1126	70	5	<10	150	30	70	200	200
RLT1127	100	5	<10	150	20	50	500	70
RLT1128	70	<5	<10	100	20	70	200	100
RLT1129	70	7	<10	200	30	50	N	70
RLT1130	70	5	<10	150	30	50	<200	70
RLT1131	100	5	<10	150	20	50	200	70
RLT1132	50	<5	N	<100	15	30	<200	70
RLT1133	70	<5	<10	100	15	50	200	70
RLT1134	200	5	<10	100	20	70	200	70
RLT1135	200	5	<10	<100	20	70	<200	70
RLT1136	150	<5	<10	<100	15	50	<200	70
RLT1137	150	7	20	150	30	70	300	100
RLT1138	200	5	15	150	20	50	700	70
RLT1139	300	5	15	200	20	70	200	100
RLT1140	300	<5	10	150	15	50	300	100
RLT1141	300	<5	15	150	20	50	500	70
RLT1142	700	<5	15	200	15	30	500	70
RLT1143	500	7	20	500	20	100	500	100
RLT1144	300	5	15	150	15	50	500	70
RLT1145	150	5	<10	100	15	50	N	150
RLT1146	70	<5	<10	150	15	20	<200	200
RLT1147	150	<5	<10	300	15	30	500	70

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Curro quadrangle, northern Sonora, Mexico.--continued

Sample	X-Utm	Y-Utm	Fe-pct. S	Ag-pct. S	Ti-pct. S	Mn-ppt S	Ag-ppt S	As-ppt S	3-ppt S
RLT1148	483,541.44	3,441,942.8	1.5	.70	.07	500	<.5	N	700
RLT1149	483,501.08	3,441,847.0	1.5	1.00	.10	500	<.5	N	700
RLT1150	483,484.71	3,441,824.4	1.5	.50	.10	700	<.5	N	700
RLT1151	483,472.07	3,441,780.3	1.5	1.00	.07	700	<.5	N	700
RLT1152	483,484.61	3,441,770.1	2.0	.70	.10	700	<.5	N	700
RLT1153	483,439.36	3,441,745.0	2.0	1.00	.10	700	<.5	N	1,000
RLT1154	483,415.43	3,441,703.5	1.5	1.00	.07	500	<.5	N	700
RLT1155	483,421.68	3,441,690.8	1.5	.70	.07	700	<.5	N	700
RLT1156	483,596.88	3,442,041.1	2.0	.70	.20	500	<.5	N	150
RLT1157	483,625.64	3,441,980.3	1.5	.30	.07	700	<.5	N	200
RLT1158	483,664.51	3,441,947.4	1.5	.70	.07	1,500	<.5	N	300
RLT1159	483,689.66	3,441,964.9	2.0	1.00	.15	1,000	<.5	N	300
RLT1160	483,687.11	3,441,946.0	2.0	.70	.10	700	<.5	N	300
RLT1161	483,721.00	3,441,934.5	2.0	.70	.15	700	<.5	N	200
RLT1162	483,759.86	3,441,895.2	10.0	.70	.20	700	<.5	N	200
RLT1163	483,744.77	3,441,886.5	1.5	1.00	.07	700	<.5	N	150
RLT1164	483,797.50	3,441,879.9	1.0	.50	.07	700	<.5	N	200
RLT1165	483,753.41	3,441,803.1	2.0	.70	.07	1,000	<.5	N	500
RLT1166	483,841.44	3,441,874.7	1.5	.70	.15	700	<.5	N	300
RLT1167	483,863.99	3,441,845.6	5.0	.70	.15	500	<.5	N	200
RLT1168	483,862.69	3,441,819.1	1.5	1.00	.10	700	<.5	N	150
RLT1169	483,847.61	3,441,815.3	1.5	.70	.20	700	.7	N	300
RLT1170	483,827.38	3,441,740.9	2.0	1.00	.30	300	1.0	N	200
RLT1171	483,824.05	3,441,978.3	1.0	.70	.20	300	<.5	N	150
RLT1172	483,840.26	3,441,916.4	1.0	.70	.15	300	<.5	N	150
RLT1173	483,512.82	3,442,088.1	1.5	.70	.20	700	<.5	N	200
RLT1174	483,665.67	3,441,891.8	2.0	.50	.30	1,500	3.0	N	200
RLT1175	483,685.67	3,441,841.3	1.5	1.00	.20	1,000	<.5	N	300
RLT1176	483,675.62	3,441,840.0	1.5	.70	.15	1,000	2.0	N	150
RLT1177	483,690.57	3,441,779.4	1.5	.70	.15	700	.5	N	150
RLT1178	483,679.29	3,441,787.0	1.5	.70	.15	700	<.5	N	500
RLT1179	483,671.52	3,441,658.3	2.0	.70	.15	1,000	.5	N	300
RLT1180	483,661.48	3,441,660.8	1.5	.70	.20	700	<.5	N	700
RLT1181	483,580.96	3,441,579.1	1.5	.70	.10	1,000	<.5	N	300
RLT1182	483,847.88	3,441,959.3	3.0	.70	.30	700	<.5	N	200
RLT1183	483,909.51	3,442,015.8	1.0	.70	.10	700	<.5	N	150
RLT1184	483,910.84	3,442,056.2	1.5	.30	.10	700	<.5	N	200
RLT1185	483,933.55	3,442,111.7	3.0	.70	.20	1,000	<.5	N	500
RLT1186	483,334.83	3,442,265.6	7.0	.70	.20	2,000	3.0	N	2,000
RLT1187	483,259.37	3,442,200.2	3.0	.70	.15	1,000	2.0	N	1,500
RLT1188	483,271.91	3,442,191.3	5.0	1.00	.30	3,000	5.0	N	1,000
RLT1189	483,294.83	3,442,366.7	3.0	1.00	.20	700	7.0	N	1,500
RLT1190	483,262.57	3,442,580.2	1.5	.70	.15	700	.5	N	700
RLT1191	483,214.98	3,442,647.3	1.5	.70	.10	1,500	1.0	N	1,000
RLT1192	483,118.18	3,442,590.9	1.5	.50	.15	700	7.0	N	300

Table 1. Analytical data for **-30** mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1148	70C	1.0	10	7	<10	50	30	<5	<5
RLT1149	70C	1.5	<10	10	10	30	50	<5	<5
RLT1150	70C	1.0	30	10	<10	50	50	<5	<5
RLT1151	70C	1.0	N	7	10	30	30	<5	<5
RLT1152	700	1.0	<10	10	15	100	50	<5	<5
RLT1153	700	1.0	<10	7	10	70	50	<5	<5
RLT1154	50C	1.5	<10	5	<10	30	50	<5	<5
RLT1155	70C	1.0	<10	7	10	50	50	<5	<5
RLT1156	70C	1.0	<10	15	10	100	30	7	<5
RLT1157	50C	1.0	10	5	<10	70	30	7	<5
RLT1158	70C	1.0	15	7	<10	100	20	<5	<5
RLT1159	1,00C	1.0	N	20	10	150	50	<5	<5
RLT1160	70C	1.0	N	7	<10	50	20	<5	<5
RLT1161	1,00C	1.0	N	20	<10	100	50	<5	<5
RLT1162	700	1.0	<10	30	15	150	30	5	<5
RLT1163	70C	1.0	<10	7	<10	50	30	<5	<5
RLT1164	70C	<1.0	N	7	<10	30	20	<5	<5
RLT1165	700	<1.0	<10	15	<10	70	50	10	<5
RLT1166	700	<1.0	N	7	<10	100	20	<5	<5
RLT1167	70C	<1.0	<10	10	<10	100	30	<5	<5
RLT1168	70C	1.0	N	10	<10	50	30	<5	<5
RLT1169	70C	1.5	10	15	10	150	50	7	<5
RLT1170	1,50C	3.0	10	20	15	200	70	7	<5
RLT1171	70C	2.0	N	15	10	70	50	<5	<5
RLT1172	700	1.5	<10	7	10	150	50	<5	<5
RLT1173	70C	1.5	<10	10	10	100	50	7	<5
RLT1174	70C	2.0	15	10	10	150	70	10	<5
RLT1175	1,50C	2.0	<10	15	15	50	50	7	<5
RLT1176	1,00C	2.0	20	10	10	150	70	7	<5
RLT1177	1,00C	1.5	<10	15	10	100	70	5	<5
RLT1178	1,000	2.0	<10	7	10	50	50	<5	<5
RLT1179	1,00C	1.5	<10	10	10	70	70	<5	<5
RLT1180	70C	1.5	<10	5	<10	30	30	<5	<5
RLT1181	70C	1.5	<10	<5	<10	30	50	<5	<5
RLT1182	70C	2.0	<10	20	10	100	20	15	<5
RLT1183	70C	1.5	<10	15	10	200	50	5	<5
PLT1184	50C	1.5	<10	15	<10	150	30	<5	<5
RLT1185	70C	1.5	<10	10	10	150	50	5	5
RLT1186	70C	2.0	70	7	<10	200	20	10	<5
RLT1187	1,00C	1.5	70	5	<10	150	30	5	<5
RLT1188	1,00C	2.0	20	15	10	200	30	7	<5
RLT1189	1,50C	2.0	50	7	10	200	70	70	<5
RLT1190	70C	1.5	<10	5	<10	30	20	<5	<5
RLT1191	1,00C	1.5	<10	7	<10	150	20	7	<5
RLT1192	700	3.0	<10	7	10	100	50	20	10

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RLT1148	100	<5	<10	300	15	20	200	30
RLT1149	70	<5	<10	300	15	30	<200	50
RLT1150	150	<5	<10	150	15	50	500	150
RLT1151	50	<5	<10	300	<10	50	<200	70
RLT1152	50	5	10	200	10	50	200	150
RLT1153	70	5	<10	300	15	50	N	100
RLT1154	30	<5	<10	150	15	100	N	100
RLT1155	70	<5	<10	300	10	70	N	50
RLT1156	30	<5	<10	150	15	70	<200	150
RLT1157	150	<5	<10	<100	15	20	300	70
RLT1158	70	<5	<10	100	10	30	<200	100
RLT1159	50	7	<10	200	20	50	N	70
RLT1160	50	<5	<10	150	15	30	<200	150
RLT1161	70	<5	<10	200	10	30	N	100
RLT1162	50	<5	<10	150	20	150	<200	300
RLT1163	100	<5	<10	200	15	30	<200	100
RLT1164	50	<5	<10	100	10	20	N	150
RLT1165	50	<5	20	100	15	30	<200	150
RLT1166	100	<5	N	100	15	30	<200	100
RLT1167	50	<5	<10	100	20	70	<200	150
RLT1168	30	<5	<10	150	20	70	<200	150
RLT1169	70	<5	<10	150	30	70	N	500
RLT1170	70	7	10	300	30	100	N	300
RLT1171	30	5	<10	200	30	70	<200	150
RLT1172	50	<5	<10	150	20	50	N	150
RLT1173	70	<5	<10	200	30	50	<200	200
RLT1174	200	5	<10	150	30	70	700	300
RLT1175	100	7	<10	150	20	70	<200	200
RLT1176	300	7	10	200	20	100	300	100
RLT1177	100	5	<10	100	30	70	200	100
RLT1178	30	<5	<10	100	20	70	N	200
RLT1179	70	5	<10	100	30	100	<200	300
RLT1180	30	<5	<10	100	20	70	<200	150
RLT1181	150	<5	<10	100	20	50	N	100
RLT1182	30	5	<10	100	30	70	N	300
RLT1183	50	<5	<10	100	20	70	N	150
RLT1184	30	<5	<10	<100	20	30	N	150
RLT1185	50	<5	<10	<100	30	30	N	150
RLT1186	300	7	30	100	30	30	500	100
RLT1187	300	<5	20	150	20	30	200	150
RLT1188	300	5	30	150	30	70	700	150
RLT1189	500	5	70	200	30	70	500	200
RLT1190	100	<5	<10	150	30	50	200	100
RLT1191	200	<5	<10	150	20	50	200	150
RLT1192	100	5	<10	100	30	70	<200	200

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	X-Utm	Y-Utm	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppt S	Ag-ppt S	As-ppt S	B-ppt S
RLT1193	483,201.27	3,442,702.9	1.5	.70	.05	.15	700	3.0	N	200
RLT1194	483,098.21	3,442,659.1	1.5	.50	<.05	.10	500	1.0	N	150
RLT1195	483,104.47	3,442,647.7	1.0	.70	.10	.15	150	2.0	N	200
RLT1196	483,215.91	3,442,468.0	1.0	.30	.05	.15	300	1.0	N	200
RLT1197	483,207.14	3,442,481.9	2.0	.50	.05	.10	500	5.0	N	1,500
RLT1198	483,151.71	3,442,385.0	1.0	.30	.07	.07	300	.7	N	200
RLT1199	483,067.35	3,442,264.1	1.5	.30	.10	.10	300	.5	N	150
RLT1200	483,056.07	3,442,276.8	1.5	.50	.05	.10	500	<.5	N	200
RLT1201	483,417.58	3,442,192.0	2.0	.70	.07	.15	1,500	1.0	N	300
RLT1202	482,984.50	3,442,277.1	1.5	.30	<.05	.10	300	.5	N	150
RLT1203	482,993.25	3,442,258.1	1.5	.50	.10	.10	700	<.5	N	200
RLT1204	482,884.02	3,442,267.4	1.0	.30	<.05	.10	700	<.5	N	150
RLT1205	483,068.55	3,442,231.3	1.5	.50	.10	.10	200	<.5	N	200
RLT1206	483,109.82	3,442,136.4	1.5	.70	.15	.10	300	<.5	N	150
RLT1207	483,046.84	3,442,035.7	1.5	.70	.15	.10	700	<.5	N	150
RLT1208	483,058.15	3,442,038.2	2.0	1.50	.70	.20	1,500	<.5	N	100
RLT1209	483,232.68	3,442,712.9	1.5	.70	.07	.07	1,500	1.5	N	700
RLT1210	483,230.20	3,442,731.8	1.5	.70	<.05	.10	1,500	<.5	N	700
RLT1211	483,383.36	3,442,705.9	1.5	.30	.05	.15	700	1.0	N	500
RLT1212	483,352.09	3,442,775.5	2.0	.50	<.05	.10	500	<.5	N	700
RLT1213	483,428.81	3,442,838.3	1.5	.50	<.05	.15	700	<.5	N	700
RLT1214	483,545.55	3,442,815.1	3.0	.70	.05	.15	1,000	<.5	N	1,000
RLT1215	483,516.65	3,442,805.2	1.0	.15	.07	.15	200	1.5	N	200
RLT1216	483,667.32	3,442,793.2	1.5	.50	.05	.10	150	<.5	N	300
RLT1217	483,661.08	3,442,815.9	1.0	.50	.05	.20	200	<.5	N	500
RLT1218	483,643.43	3,442,779.4	1.0	.10	.07	.15	150	<.5	N	200
RLT1219	483,295.22	3,442,577.5	1.0	.30	.07	.07	500	2.0	N	200
RLT1220	483,351.82	3,442,630.3	1.5	.50	.05	.10	700	3.0	N	200
RLT1239	484,062.99	3,442,987.8	1.0	.30	<.05	.10	500	<.5	N	300
RLT1240	484,040.19	3,442,837.9	1.5	.50	<.05	.15	500	<.5	N	500
RLT1241	484,035.31	3,442,854.3	1.5	.30	.05	.10	300	<.5	N	500
RLT1242	483,971.27	3,442,828.6	1.0	.30	.07	.15	300	<.5	N	300
RLT1243	484,027.20	3,442,793.8	1.5	.30	.05	.15	500	<.5	N	300
RLT1244	484,031.81	3,442,748.3	1.5	.30	.05	.15	500	<.5	N	300
RLT1245	484,014.91	3,442,691.7	1.0	.50	.10	.07	300	<.5	N	200
RLT1246	484,031.01	3,442,662.5	1.0	.30	.10	.15	300	<.5	N	200
RLT1247	483,975.86	3,442,587.4	1.0	.30	.07	.15	500	<.5	N	300
RLT1248	483,999.66	3,442,558.3	1.5	.50	.05	.10	500	<.5	N	700
RLT1249	483,979.54	3,442,539.4	1.0	.50	.05	.15	700	<.5	N	200
RLT1250	483,993.34	3,442,533.1	1.5	.70	.07	.20	1,000	<.5	N	300
RLT1251	483,941.69	3,443,131.7	1.0	.50	<.05	.20	700	<.5	N	150
RLT1252	483,924.11	3,443,128.0	1.0	.30	.07	.15	700	<.5	N	300
RLT1253	484,035.79	3,443,041.2	2.0	.50	<.05	.20	700	<.5	N	300
RLT1254	484,038.49	3,443,061.4	1.5	.30	<.05	.10	500	<.5	N	500
RLT1255	484,029.29	3,443,019.8	1.0	.50	.05	.10	700	<.5	N	300

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1193	1,50C	2.0	<10	7	<10	100	50	7	<5
RLT1194	1,00C	2.0	<10	5	<10	70	50	7	<5
RLT1195	1,00C	3.0	<10	10	<10	100	70	7	10
RLT1196	70C	1.5	<10	7	<10	30	50	7	<5
RLT1197	70C	1.5	20	10	<10	100	50	15	<5
RLT1198	70C	1.5	N	3	<10	15	20	5	<5
RLT1199	70C	1.5	<10	5	<10	15	20	5	<5
RLT1200	70C	1.5	<10	5	<10	15	20	<5	<5
RLT1201	70C	2.0	<10	30	<10	300	50	10	<5
RLT1202	50C	1.5	<10	3	<10	15	30	7	<5
RLT1203	50C	1.5	<10	3	<10	30	30	7	<5
RLT1204	50C	1.0	<10	2	<10	10	20	5	<5
RLT1205	70C	1.0	<10	3	<10	20	30	<5	<5
RLT1206	70C	1.0	<10	7	<10	20	20	5	<5
RLT1207	50C	1.5	<10	5	<10	15	30	7	<5
RLT1208	70C	1.5	<10	15	<10	20	20	5	<5
RLT1209	30C	2.0	15	50	<10	300	100	15	<5
RLT1210	70C	1.5	<10	20	<10	200	20	10	<5
RLT1211	30C	1.5	10	30	10	300	30	10	10
RLT1212	70C	1.5	<10	10	<10	150	<20	10	<5
RLT1213	70C	1.0	<10	7	<10	70	30	7	<5
RLT1214	50C	1.0	<10	7	10	100	30	10	20
RLT1215	30C	1.0	<10	7	20	50	20	7	5
RLT1216	70C	3.0	<10	10	<10	150	50	7	<5
RLT1217	70C	2.0	<10	7	<10	70	30	5	<5
RLT1218	30C	1.5	<10	7	<10	30	20	7	<5
RLT1219	50C	3.0	15	30	<10	500	50	30	<5
RLT1220	50C	3.0	10	30	<10	700	100	50	<5
RLT1239	50C	2.0	N	30	<10	70	50	10	<5
RLT1240	50C	2.0	<10	30	<10	150	70	15	<5
RLT1241	50C	2.0	<10	10	<10	100	50	10	<5
RLT1242	70C	2.0	<10	15	<10	100	50	15	5
RLT1243	50C	2.0	<10	20	<10	150	50	10	5
RLT1244	30C	2.0	<10	20	<10	150	50	15	<5
RLT1245	30C	3.0	<10	15	<10	100	70	10	<5
RLT1246	30C	2.0	<10	20	<10	150	50	7	15
RLT1247	30C	1.0	<10	10	<10	100	30	7	5
RLT1248	30C	1.0	<10	15	<10	150	30	15	5
RLT1249	30C	1.0	<10	10	<10	150	20	7	<5
RLT1250	30C	1.5	<10	15	<10	200	50	15	20
RLT1251	70C	1.0	<10	10	<10	70	70	10	<5
RLT1252	50C	1.5	<10	15	<10	150	70	7	10
RLT1253	50C	1.5	<10	15	<10	100	20	15	<5
RLT1254	50C	1.5	10	15	<10	150	30	20	<5
RLT1255	30C	2.0	<10	15	<10	70	70	7	<5



Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RLT1193	150	<5	<10	200	30	70	<200	150
RLT1194	100	<5	<10	150	20	50	<200	150
RLT1195	100	5	<10	150	30	100	<200	200
RLT1196	100	5	<10	150	20	100	N	150
RLT1197	200	5	10	100	20	50	300	300
RLT1198	50	<5	<10	100	20	30	N	100
RLT1199	70	<5	<10	150	30	70	N	150
RLT1200	50	<5	N	100	20	70	<200	100
RLT1201	100	7	<10	150	30	100	1,500	150
RLT1202	100	<5	<10	100	30	100	N	150
RLT1203	100	<5	N	100	15	70	N	150
RLT1204	50	<5	<10	<100	20	70	N	300
RLT1205	70	<5	<10	150	30	50	N	150
RLT1206	30	<5	<10	300	30	30	N	150
RLT1207	150	<5	<10	150	20	70	N	100
RLT1208	70	7	<10	300	70	70	N	100
RLT1209	200	<5	10	<100	20	50	700	200
RLT1210	30	<5	<10	<100	30	30	<200	200
RLT1211	70	<5	<10	N	30	50	N	300
RLT1212	30	5	<10	<100	30	50	N	300
RLT1213	50	5	<10	<100	20	30	N	150
RLT1214	30	5	<10	<100	20	70	N	200
RLT1215	70	<5	<10	<100	30	20	N	300
RLT1216	50	7	<10	150	30	70	N	200
RLT1217	30	7	<10	100	20	70	N	300
RLT1218	50	<5	<10	<100	30	20	N	200
RLT1219	150	5	<10	150	30	100	200	300
RLT1220	100	7	<10	150	30	70	200	300
RLT1239	30	<5	<10	100	20	50	N	100
RLT1240	70	5	<10	150	20	70	N	150
RLT1241	30	5	<10	100	20	50	N	200
RLT1242	50	5	<10	200	20	70	N	100
RLT1243	50	5	<10	<100	30	70	N	150
RLT1244	30	5	<10	150	20	50	N	150
RLT1245	30	<5	<10	150	20	50	N	100
RLT1246	50	<5	<10	100	20	70	N	150
RLT1247	70	<5	30	100	30	20	N	150
RLT1248	50	5	<10	100	20	50	N	100
RLT1249	70	<5	<10	<100	30	30	N	100
RLT1250	50	5	<10	100	30	50	N	200
RLT1251	150	5	<10	150	20	70	N	200
RLT1252	30	<5	<10	100	20	70	N	150
RLT1253	100	<5	<10	150	50	70	N	300
RLT1254	50	7	<10	<100	15	50	N	200
RLT1255	70	5	<10	100	20	70	N	100

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	X-Utm	Y-Utm	Fe-pct. S	Wg-oct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	B-ppm S
RLT1256	484,109.53	3,442,983.5	1.5	.20	.05	.20	700	<.5	N	300
RLT1257	484,176.96	3,442,923.3	1.5	.30	<.05	.15	700	<.5	N	150
RLT1258	484,284.26	3,442,817.1	1.0	.30	<.05	.15	700	<.5	N	100
RLT1259	484,344.00	3,442,743.1	1.0	.20	<.05	.10	300	<.5	N	150
RLT1260	484,452.72	3,442,654.6	3.0	.50	<.05	.20	1,500	.5	N	200
RLT1262	484,443.71	3,442,633.3	1.0	.20	.05	.15	500	N	N	100
RLT1263	484,507.19	3,442,690.6	5.0	.70	<.05	.30	1,500	.7	N	300
RLT1264	484,525.02	3,442,711.8	1.5	.30	<.05	.20	300	.5	N	200
RLT1265	484,604.73	3,442,753.7	2.0	.70	<.05	.20	1,500	.7	N	200
RLT1266	484,609.62	3,442,738.5	1.5	.70	<.05	.20	1,000	.7	N	300
RLT1267	484,653.77	3,442,748.1	1.5	.50	<.05	.10	1,500	.7	N	300
RLT1268	484,705.45	3,442,753.7	1.5	.30	.05	.10	700	<.5	N	150
RLT1269	484,509.51	3,442,669.1	7.0	.50	<.05	.20	700	<.5	N	150
RLT1270	484,571.15	3,442,663.3	1.5	.30	<.05	.15	700	<.5	N	150
RLT1271	484,640.92	3,442,584.1	10.0	.70	<.05	.30	1,500	<.5	N	150
RLT1272	484,698.76	3,442,575.8	3.0	.70	<.05	.20	1,000	<.5	N	150
RLT1273	484,765.23	3,442,547.2	2.0	.70	.07	.15	700	<.5	N	200
RLT1274	484,761.24	3,442,524.5	3.0	.70	.05	.20	1,000	<.5	N	150
RLT1275	484,801.11	3,442,479.8	2.0	.70	.05	.20	2,000	<.5	N	200
RLT1300	484,403.76	3,442,127.5	2.0	.20	.15	.50	1,500	N	N	300
RLT1301	484,387.35	3,442,122.6	2.0	.15	.15	.30	500	N	N	300
RLT1302	484,383.02	3,442,063.3	3.0	.10	.20	.30	2,000	<.5	N	300
RLT1303	484,361.48	3,442,048.5	3.0	.10	.15	.30	700	N	N	300
RLT1304	484,328.07	3,441,975.7	2.0	.10	.30	.20	500	N	N	300
RLT1305	484,314.21	3,441,974.6	3.0	.10	.15	.30	700	N	N	300
RLT1306	484,249.54	3,441,924.9	1.5	.10	.15	.20	300	N	N	200
RLT1307	484,225.00	3,441,844.0	1.5	.07	.15	.20	300	N	N	200
RLT1308	484,185.31	3,441,788.1	3.0	.10	.15	.20	200	N	N	200
RLT1309	484,141.89	3,441,858.1	1.5	.07	.15	.15	200	N	N	200
RLT1310	484,197.63	3,441,758.9	1.5	.07	.15	.20	700	<.5	N	200
RLT1311	484,294.92	3,441,795.5	1.5	.10	.15	.20	700	<.5	N	200
RLT1312	484,376.76	3,441,795.8	1.5	.07	.15	.20	500	N	N	150
RLT1313	484,424.42	3,441,776.2	1.5	.07	.20	.15	500	N	N	150
RLT1314	484,431.83	3,441,761.0	1.5	.07	.15	.15	500	N	N	100
RLT1315	484,514.45	3,441,709.4	1.5	.10	.30	.20	1,500	<.5	N	150
RLT1316	484,645.91	3,441,629.5	2.0	.10	.30	.30	1,500	<.5	N	150
RLT1317	484,638.27	3,441,620.7	2.0	.15	.30	.20	1,000	N	N	150
RLT1318	484,178.50	3,441,732.6	1.5	.15	.20	.15	500	N	N	150
RLT1319	484,190.74	3,441,694.6	3.0	.15	.20	.20	500	.7	N	150
RLT1320	484,308.91	3,441,675.4	1.5	.10	.15	.10	500	N	N	150
RLT1321	484,311.54	3,441,686.7	2.0	.10	.15	.07	500	N	N	100
RLT1322	484,368.58	3,441,592.6	1.5	.10	.15	.10	300	N	N	150
RLT1323	484,380.79	3,441,552.0	2.0	.15	.15	.15	700	N	N	150
RLT1324	484,438.43	3,441,522.3	2.0	.10	.10	.15	300	N	N	100
RLT1325	484,531.17	3,441,475.6	2.0	.10	.10	.07	300	N	N	100

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1256	700	2.0	<10	20	<10	50	50	7	<5
RLT1257	700	1.5	<10	15	<10	70	20	15	5
RLT1258	700	1.5	<10	10	<10	50	20	10	<5
RLT1259	700	1.5	<10	10	<10	50	50	7	<5
RLT1260	500	2.0	<10	30	10	200	200	50	<5
RLT1262	700	1.5	<10	10	<10	50	70	15	<5
RLT1263	700	2.0	<10	20	10	300	70	50	<5
RLT1264	700	2.0	<10	15	<10	200	70	15	<5
RLT1265	700	2.0	<10	15	<10	300	70	20	<5
RLT1266	700	1.5	<10	30	<10	200	70	20	<5
RLT1267	500	1.5	<10	30	<10	150	50	20	<5
RLT1268	500	1.5	<10	10	<10	100	70	10	<5
RLT1269	500	1.5	<10	15	15	150	100	20	5
RLT1270	700	1.5	<10	15	<10	200	70	10	<5
RLT1271	700	1.5	<10	20	10	200	50	50	15
RLT1272	500	1.5	<10	10	<10	150	50	15	<5
RLT1273	500	1.5	<10	15	<10	100	50	15	<5
RLT1274	500	1.5	<10	20	10	100	30	20	<5
RLT1275	300	1.5	<10	30	<10	200	70	15	10
RLT1300	1,500	1.5	N	15	<10	200	70	15	7
RLT1301	1,500	1.0	N	7	<10	70	50	<5	<5
RLT1302	1,500	1.5	<10	70	<10	700	30	30	7
RLT1303	1,500	<1.0	<10	7	<10	100	50	<5	N
RLT1304	700	1.5	N	30	<10	300	5	10	N
RLT1305	1,000	1.0	<10	15	<10	150	20	7	N
RLT1306	1,000	1.0	N	5	<10	70	20	<5	N
RLT1307	1,500	1.0	N	5	<10	50	20	5	N
RLT1308	1,000	1.0	N	10	<10	150	30	5	<5
RLT1309	1,000	1.0	N	5	<10	100	50	<5	N
RLT1310	700	<1.0	N	7	<10	70	30	7	10
RLT1311	500	1.0	N	7	10	50	30	5	15
RLT1312	300	1.0	N	7	10	30	50	<5	7
RLT1313	300	1.0	N	5	<10	30	30	N	7
RLT1314	200	<1.0	N	5	<10	20	20	<5	7
RLT1315	700	1.5	N	7	<10	30	50	<5	15
RLT1316	700	1.0	N	15	10	30	70	5	20
RLT1317	700	1.0	N	7	10	20	50	5	20
RLT1318	1,000	<1.0	N	10	<10	100	50	5	N
RLT1319	1,000	1.0	N	15	<10	200	70	7	N
RLT1320	1,000	1.0	N	5	<10	30	30	<5	<5
RLT1321	500	1.0	N	5	<10	30	30	<5	7
RLT1322	700	<1.0	N	5	<10	20	30	<5	<5
RLT1323	1,000	1.0	N	7	<10	70	30	N	<5
RLT1324	700	<1.0	N	5	<10	15	20	<5	5
RLT1325	700	<1.0	N	<5	<10	10	<20	N	N

Table 1. Analytical data for ~~30~~ mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
RLT1256	50	5	<10	100	15	100	N	200
RLT1257	70	<5	<10	100	30	50	<200	150
RLT1258	50	<5	<10	150	30	30	<200	100
RLT1259	50	<5	<10	100	30	30	N	200
RLT1260	70	5	10	150	70	150	N	300
RLT1262	50	5	<10	150	30	30	N	200
RLT1263	100	7	20	150	70	150	N	500
RLT1264	100	5	10	<100	15	150	N	300
RLT1265	150	5	10	150	20	70	<200	150
RLT1266	150	5	<10	150	30	100	N	150
RLT1267	100	<5	<10	100	20	150	N	150
RLT1268	100	<5	<10	150	20	50	N	200
RLT1269	100	<5	10	100	100	100	200	500
RLT1270	100	<5	<10	<100	10	100	N	150
RLT1271	150	<5	10	100	100	70	<200	500
RLT1272	100	7	<10	100	70	100	<200	200
RLT1273	150	5	<10	200	50	70	N	150
RLT1274	70	<5	<10	150	100	>500	<200	200
RLT1275	150	7	<10	300	50	150	<200	300
RLT1300	50	5	N	200	30	20	300	300
RLT1301	50	<5	N	150	15	15	N	150
RLT1302	70	<5	N	150	30	20	700	150
RLT1303	70	<5	N	150	20	20	N	200
RLT1304	70	<5	N	200	20	15	200	500
RLT1305	70	<5	<10	100	30	20	<200	200
RLT1306	50	N	N	100	15	15	N	100
RLT1307	30	<5	N	150	20	15	N	100
RLT1308	30	<5	N	100	30	30	N	300
RLT1309	30	<5	N	100	20	20	N	200
RLT1310	30	<5	N	100	30	10	N	150
RLT1311	30	5	N	<100	30	15	<200	150
RLT1312	30	<5	N	<100	30	<10	N	100
RLT1313	15	N	N	<100	15	<10	N	70
RLT1314	15	N	N	<100	20	<10	<200	50
RLT1315	50	<5	N	<100	30	10	N	70
RLT1316	70	5	N	<100	50	15	N	100
RLT1317	50	5	N	<100	30	10	N	50
RLT1318	100	<5	N	200	20	15	N	150
RLT1319	150	5	<10	300	30	50	200	300
RLT1320	20	<5	N	150	15	15	N	70
RLT1321	15	<5	N	<100	15	15	N	100
RLT1322	15	<5	<10	100	15	15	N	30
RLT1323	30	<5	N	100	20	15	<200	150
RLT1324	20	<5	N	100	30	15	<200	50
RLT1325	20	N	N	150	10	10	N	20

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correc quadrangle, northern Sonora, Mexico.--continued

Sample	X-utm	Y-utm	Fe-ppt. s	Mg-ppt. s	Ca-ppt. s	Ti-ppt. s	Mn-ppt. s	Ag-ppt. s	As-ppt. s	B-ppt. s
RLT1326	484,637.62	3,441,414.9	2.0	.10	.07	.05	150	N	N	15
RLT1327	484,639.96	3,441,396.0	3.0	.10	.07	.07	200	N	N	70
RLT1328	484,087.80	3,441,727.4	2.0	.15	.07	.10	300	N	N	100
RLT1329	484,087.61	3,441,707.2	2.0	.15	.07	.10	500	.5	N	300
RLT1330	484,046.63	3,441,632.0	2.0	.15	.07	.15	500	<.5	N	300
RLT1331	484,072.76	3,441,598.8	1.5	.15	.10	.15	700	N	N	300
RLT1332	484,012.03	3,441,566.8	2.0	.15	.07	.15	700	N	N	500
RLT1333	483,955.03	3,441,501.8	2.0	.20	.20	.10	1,000	<.5	N	200
RLT1334	483,946.27	3,441,517.0	2.0	.15	.07	.15	1,000	.5	N	300
RLT1335	483,834.45	3,441,483.4	3.0	.30	.10	.15	700	.7	N	300
RLT1336	483,850.76	3,441,477.0	2.0	.20	.07	.15	700	.7	N	500
RLT1337	483,792.88	3,441,411.6	3.0	.20	.07	.15	500	1.0	N	500
RLT1338	484,165.41	3,441,543.4	2.0	.30	.15	.15	1,000	N	N	100
RLT1339	484,186.94	3,441,557.0	3.0	.15	.10	.20	1,500	N	N	150
RLT1340	484,302.06	3,441,479.8	1.5	.15	.20	.10	1,000	N	N	50
RLT1341	484,319.71	3,441,483.1	2.0	.20	.15	.15	1,000	N	N	200
RLT1342	484,283.92	3,441,424.4	1.5	.15	.20	.07	1,500	N	N	30
RLT1343	484,383.09	3,441,392.9	2.0	.20	.15	.15	1,000	N	N	300
RLT1344	484,400.69	3,441,390.2	1.5	.20	.10	.10	1,000	N	N	100
RLT1345	484,339.46	3,441,303.8	1.5	.15	.20	.10	1,500	N	N	100
RLT1346	484,329.43	3,441,309.0	3.0	.20	.07	.10	1,500	N	N	200
RLT1347	484,476.66	3,441,300.8	2.0	.15	.15	.07	1,500	N	N	30
RLT1348	484,495.62	3,441,308.1	2.0	.30	.10	.30	1,500	N	N	100
RLT1349	484,540.64	3,441,270.0	2.0	.30	.15	.15	2,000	N	N	50
RLT1350	484,555.92	3,441,293.5	1.5	.20	.15	.15	700	N	N	50
RLT1351	483,958.68	3,441,437.4	2.0	.20	.10	.15	1,000	N	N	300
RLT1352	483,928.38	3,441,345.4	2.0	.15	.10	.10	1,000	N	N	200
RLT1353	483,940.91	3,441,334.0	1.5	.20	.10	.10	1,500	N	N	300
RLT1354	483,860.47	3,441,292.7	1.5	.20	.10	.10	1,000	N	N	300
RLT1355	483,948.39	3,441,301.1	2.0	.30	.10	.30	1,500	N	N	300
RLT1356	483,962.22	3,441,315.0	2.0	.30	.07	.05	1,500	N	N	300
RLT1357	485,107.42	3,443,196.9	2.0	.30	.10	.20	2,000	N	N	300
RLT1358	485,013.24	3,443,088.2	2.0	.30	.10	.20	2,000	N	N	200
RLT1359	484,962.64	3,443,062.3	2.0	.30	.10	.15	3,000	N	N	500
RLT1360	484,954.52	3,443,000.6	1.5	.50	.07	.20	1,000	<.5	N	150
RLT1361	484,951.33	3,442,928.7	1.5	.30	.30	.15	3,000	N	N	700
RLT1362	485,057.41	3,442,827.6	1.5	.50	.15	.15	2,000	.7	N	1,500
RLT1363	485,086.32	3,442,822.2	2.0	.70	.10	.20	2,000	N	N	300
RLT1364	485,192.76	3,442,760.2	1.5	.70	.10	.30	2,000	N	N	300
RLT1365	485,231.00	3,442,675.1	2.0	.70	.10	.20	3,000	N	N	300
RLT1366	485,307.14	3,442,603.4	2.0	1.00	.10	.15	3,000	N	N	200
RLT1367	485,295.12	3,442,529.1	3.0	.70	.20	.15	3,000	<.5	N	200
RLT1368	485,328.48	3,442,461.8	2.0	.70	.10	.20	3,000	.7	N	300
RLT1369	485,401.73	3,442,484.8	3.0	.20	.15	.20	700	N	N	200
RLT1370	485,494.84	3,442,343.5	3.0	.30	.20	.30	700	N	N	150

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	As-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Vi-ppm s
RLT1326	500	1.0	N	5	<10	15	20	<5	N
RLT1327	1,000	1.0	N	<5	<10	15	<20	<5	N
RLT1328	700	<1.0	N	<5	<10	20	20	<5	N
RLT1329	1,000	1.0	N	<5	<10	30	20	<5	N
RLT1330	1,500	<1.0	N	5	<10	20	20	<5	N
RLT1331	700	<1.0	N	<5	<10	15	20	<5	N
RLT1332	1,500	1.0	N	5	<10	30	30	<5	N
RLT1333	700	1.0	N	5	<10	30	70	N	5
RLT1334	1,000	<1.0	<10	7	<10	70	30	7	<5
RLT1335	1,500	<1.0	<10	5	<10	50	50	5	<5
RLT1336	1,000	<1.0	<10	7	<10	50	30	5	N
RLT1337	1,000	<1.0	<10	7	<10	50	30	5	<5
RLT1338	1,500	<1.0	N	5	<10	20	20	<5	N
RLT1339	1,000	1.0	N	10	<10	20	30	<5	N
RLT1340	700	1.5	N	N	N	15	50	N	N
RLT1341	1,000	<1.0	N	5	<10	30	50	<5	<5
RLT1342	700	1.5	N	N	N	20	20	N	<5
RLT1343	1,000	<1.0	N	<5	<10	20	20	<5	N
RLT1344	1,500	<1.0	N	5	<10	20	30	N	<5
RLT1345	500	<1.0	N	<5	N	20	30	N	<5
RLT1346	1,500	1.0	N	<5	N	15	30	<5	<5
RLT1347	700	1.5	N	N	N	50	20	N	15
RLT1348	1,000	1.0	N	7	<10	20	30	<5	N
RLT1349	700	1.0	N	5	N	30	20	N	N
RLT1350	1,000	<1.0	N	5	<10	15	20	N	N
RLT1351	1,000	<1.0	N	5	<10	50	30	<5	N
RLT1352	700	<1.0	N	<5	N	30	20	N	7
RLT1353	1,000	1.0	N	<5	N	30	20	N	<5
RLT1354	700	1.0	N	<5	N	20	20	N	N
RLT1355	1,000	1.0	N	5	<10	30	30	<5	<5
RLT1356	1,500	<1.0	N	<5	N	50	20	N	N
RLT1357	1,500	<1.0	N	5	<10	30	30	<5	N
RLT1358	1,000	<1.0	N	<5	<10	30	30	<5	N
RLT1359	1,000	1.0	N	<5	N	50	30	<5	N
RLT1360	1,500	<1.0	N	<5	N	30	50	<5	N
RLT1361	700	1.5	N	15	N	100	30	5	5
RLT1362	1,000	1.0	<10	15	<10	150	30	15	<5
RLT1363	1,500	<1.0	N	5	<10	30	30	<5	<5
RLT1364	1,500	<1.0	<10	5	<10	30	30	<5	<5
RLT1365	1,500	<1.0	N	<5	<10	30	30	<5	N
RLT1366	1,500	1.0	N	<5	N	30	20	<5	N
RLT1367	700	1.5	N	7	N	70	30	<5	N
RLT1368	700	1.5	N	5	N	100	20	<5	N
RLT1369	500	1.0	N	<5	10	100	20	N	<5
RLT1370	700	1.0	N	5	10	70	30	5	<5

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S
RLT1326	15	N	N	<100	<10	10	<200	20
RLT1327	20	<5	N	100	15	15	<200	20
RLT1328	15	<5	N	100	10	15	<200	50
RLT1329	30	<5	N	150	10	15	N	70
RLT1330	30	5	N	200	15	20	<200	70
RLT1331	20	<5	N	150	15	30	<200	30
RLT1332	30	<5	N	150	10	20	<200	50
RLT1333	30	<5	N	100	20	20	N	100
RLT1334	70	<5	<10	150	15	15	N	150
RLT1335	70	5	<10	150	20	20	<200	150
RLT1336	100	<5	<10	150	20	20	<200	100
RLT1337	150	<5	10	150	30	20	<200	100
RLT1338	50	<5	N	150	20	15	<200	50
RLT1339	30	<5	N	150	20	15	<200	70
RLT1340	15	N	N	<100	10	20	<200	30
RLT1341	20	<5	N	150	15	30	<200	50
RLT1342	10	N	N	100	10	10	<200	30
RLT1343	15	<5	N	100	15	15	<200	50
RLT1344	20	<5	N	150	15	15	<200	50
RLT1345	<10	<5	N	<100	15	20	<200	50
RLT1346	30	N	N	100	10	15	<200	70
RLT1347	<10	N	N	100	10	15	<200	70
RLT1348	20	<5	N	150	10	15	<200	100
RLT1349	15	<5	N	100	15	20	N	70
RLT1350	15	<5	N	150	10	15	N	70
RLT1351	30	<5	N	100	10	10	N	70
RLT1352	<10	N	N	<100	10	10	<200	70
RLT1353	10	N	N	100	10	10	N	50
RLT1354	<10	N	N	<100	10	10	N	70
RLT1355	20	<5	N	100	15	20	N	70
RLT1356	50	N	N	100	10	<10	<200	50
RLT1357	50	N	N	100	30	20	N	70
RLT1358	30	N	N	100	20	15	N	50
RLT1359	50	N	N	100	<10	15	N	70
RLT1360	50	<5	N	150	15	10	N	70
RLT1361	200	N	N	100	<10	15	N	70
RLT1362	500	<5	N	150	<10	20	N	70
RLT1363	70	<5	N	150	30	<10	N	50
RLT1364	30	<5	N	150	30	10	N	70
RLT1365	20	<5	N	150	30	30	N	70
RLT1366	20	<5	N	150	20	10	N	50
RLT1367	30	<5	N	100	30	10	<200	70
RLT1368	100	<5	N	<100	20	10	<200	70
RLT1369	70	<5	N	150	30	15	N	70
RLT1370	70	<5	N	200	30	20	<200	150

Table 1. Analytical data for 37 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.---continued

Sample	X-Utm	Y-Utm	Fe-ppt. s	Mg-ppt. s	Ca-ppt. s	Ti-pct. s	Mn-ppt. s	Ag-ppt. s	As-ppt. s	B-ppt. s
RLT1371	485,483.48	3,442,204.8	3.0	.30	.15	.30	500	N	N	150
RLT1372	485,132.75	3,443,213.0	3.0	.15	.30	.30	1,500	<.5	N	70
RLT1373	485,248.15	3,443,166.1	2.0	.10	.10	.20	500	N	N	50
RLT1374	485,321.45	3,443,060.3	2.0	.10	.07	.20	700	<.5	N	30
RLT1375	485,439.28	3,442,964.8	2.0	.10	.10	.20	300	N	N	30
RLT1376	485,595.42	3,442,870.0	2.0	.10	.07	.15	300	N	N	50
RLT1377	485,610.49	3,442,730.9	2.0	.10	.10	.30	300	N	N	30
RLT1378	485,615.16	3,442,690.5	3.0	.07	.10	.20	200	.7	N	20
RLT1379	485,605.51	3,442,600.9	3.0	.10	.10	.30	300	N	N	70
RLT1380	485,684.20	3,442,533.0	2.0	.10	.07	.20	300	<.5	N	30
RLT1381	485,678.94	3,442,509.1	2.0	.15	.10	.30	500	N	N	70
RLT1382	485,194.21	3,442,780.4	3.0	.15	.15	.20	1,000	1.0	N	70
TF0001	482,334.00	3,440,897.3	.7	.50	.05	.50	1,500	<.5	N	50
TF0002	482,400.62	3,440,933.7	1.0	1.00	.07	.20	1,000	.5	<200	1,000
TF0003	482,463.58	3,441,028.1	1.0	.50	.10	.20	700	.5	N	1,000
TF0004	482,254.14	3,441,172.8	1.5	1.00	.20	.20	1,000	.5	N	1,500
TF0005	482,330.83	3,441,221.8	1.0	1.00	.20	.20	1,000	<.5	N	1,000
TF0006	482,471.59	3,441,289.4	1.0	.70	.20	.30	1,500	.7	N	1,500
TF0007	482,173.89	3,441,241.3	1.5	1.00	.10	.20	1,000	<.5	N	300
TF0008	482,076.24	3,441,404.6	1.5	1.00	.10	.20	2,000	.5	N	500
TF0009	482,094.95	3,441,333.8	1.5	1.00	.15	.20	1,500	.5	N	200
TF0010	482,116.30	3,441,337.5	1.5	1.00	.20	.15	1,000	.7	N	500
TF0011	482,184.23	3,441,399.1	1.5	.70	.15	.20	2,000	.5	N	1,000
TF0012	482,324.93	3,441,431.3	1.5	.70	.20	.20	1,500	.5	N	2,000
TF0013	482,311.15	3,441,449.1	1.5	1.00	.20	.20	1,000	<.5	N	500
TF0014	482,350.26	3,441,547.4	1.5	1.00	.30	.20	1,500	.5	N	700
TF0015	482,330.39	3,441,541.0	1.5	.70	.20	.20	1,500	.5	N	1,000
TF0016	482,341.56	3,441,597.9	1.5	1.00	.20	.20	1,000	.7	N	500
TF0017	482,467.18	3,441,623.9	1.5	1.00	.30	.30	1,500	1.0	N	500
TF0018	482,489.70	3,441,573.3	1.5	1.00	.50	.20	2,000	<.5	N	1,000
TF0019	482,608.80	3,441,470.6	3.0	.70	.30	.20	2,000	N	N	700
TF0020	482,594.96	3,441,456.8	1.0	1.00	.10	.20	2,000	1.5	N	1,000
TF0021	482,483.63	3,441,690.8	3.0	1.00	.15	.30	1,500	.7	N	1,500
TF0022	482,466.26	3,441,804.5	5.0	.70	.10	.30	1,500	.5	N	1,500
TF0023	482,508.90	3,441,774.0	3.0	.70	.15	.20	1,000	<.5	N	1,000
TF0024	482,464.92	3,441,756.5	3.0	1.00	.15	.50	1,500	.5	N	700
TF0025	482,403.43	3,441,778.2	2.0	1.00	.20	.30	700	<.5	N	700
TF0026	482,412.43	3,441,898.1	3.0	1.00	.20	.50	1,500	1.5	N	2,000
TF0027	482,411.29	3,441,961.2	2.0	1.00	.50	.70	1,500	.7	N	700
TF0028	482,386.30	3,442,025.7	2.0	.70	.07	.30	700	.7	N	1,000
TF0029	482,432.63	3,441,953.6	2.0	1.00	.15	.30	1,000	1.0	N	1,000
TF0030	482,486.72	3,442,006.4	2.0	1.00	.10	.30	2,000	.7	N	1,000
TF0031	482,637.59	3,442,100.4	2.0	1.00	.20	.30	1,000	.5	N	700
TF0032	482,612.10	3,441,898.6	3.0	.70	.07	.30	1,500	.5	N	1,000
TF0033	482,495.13	3,441,796.8	3.0	.70	.10	.30	1,000	.5	N	1,500



Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
RLT1371	70C	1.0	N	<5	<10	70	30	<5	N
RLT1372	70C	1.0	N	<5	<10	70	20	<5	5
RLT1373	1,00C	1.0	N	N	<10	50	<20	N	N
RLT1374	70C	<1.0	N	N	<10	50	30	<5	N
RLT1375	70C	1.0	N	N	<10	30	20	N	N
RLT1376	70C	1.0	N	N	<10	30	<20	N	N
RLT1377	700	1.0	N	<5	<10	70	30	<5	N
RLT1378	70C	1.0	N	N	<10	30	50	N	N
RLT1379	1,00C	1.5	N	<5	<10	50	20	<5	N
RLT1380	70C	<1.0	N	N	<10	30	20	<5	N
RLT1381	70C	1.0	N	N	<10	70	20	<5	N
RLT1382	1,00C	1.5	N	5	<10	70	30	7	N
TF0001	700	3.0	10	5	N	70	70	15	5
TF0002	1,00C	3.0	50	20	N	200	50	20	5
TF0003	1,00C	3.0	10	5	N	70	70	15	<5
TF0004	1,00C	3.0	<10	7	N	70	50	7	7
TF0005	1,00C	3.0	100	10	<10	50	70	7	7
TF0006	70C	3.0	30	15	N	50	50	10	<5
TF0007	1,00C	3.0	N	15	10	50	50	7	10
TF0008	1,00C	3.0	N	10	<10	70	70	7	7
TF0009	1,50C	3.0	<10	15	N	50	50	5	7
TF0010	1,00C	2.0	10	15	10	50	50	5	7
TF0011	1,50C	2.0	10	10	N	70	70	10	7
TF0012	70C	2.0	N	5	<10	30	70	<5	5
TF0013	1,50C	2.0	N	15	<10	50	70	7	7
TF0014	1,00C	3.0	N	15	10	100	70	5	10
TF0015	1,00C	2.0	10	10	<10	50	20	10	5
TF0016	1,00C	2.0	<10	10	10	70	50	7	30
TF0017	1,00C	2.0	15	15	30	50	50	7	20
TF0018	1,00C	3.0	10	10	N	20	50	5	5
TF0019	70C	2.0	<10	7	15	20	50	<5	5
TF0020	1,00C	2.0	<10	20	N	50	70	<5	<5
TF0021	1,00C	2.0	<10	15	10	70	70	7	15
TF0022	1,00C	2.0	<10	15	10	50	30	10	30
TF0023	70C	1.5	N	7	10	70	50	<5	5
TF0024	1,00C	2.0	N	15	10	100	70	<5	10
TF0025	1,50C	3.0	N	10	<10	100	70	7	5
TF0026	1,50C	1.5	<10	100	<10	200	70	5	10
TF0027	1,00C	1.5	N	15	70	50	70	<5	30
TF0028	1,00C	1.5	<10	15	15	50	50	<5	10
TF0029	1,50C	1.5	<10	20	10	150	50	<5	20
TF0030	1,00C	2.0	N	10	<10	30	70	<5	20
TF0031	1,00C	2.0	N	10	<10	20	70	<5	7
TF0032	1,00C	2.0	N	15	<10	30	100	<5	10
TF0033	1,00C	1.5	<10	20	10	30	70	5	7

Table 1. Analytical data for 30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S
RLT1371	50	<5	N	150	30	15	N	200
RLT1372	100	<5	N	<100	20	15	N	300
RLT1373	70	<5	N	<100	10	10	N	200
RLT1374	100	N	N	<100	10	15	N	200
RLT1375	70	N	N	100	10	10	N	100
RLT1376	70	N	N	<100	<10	<10	N	50
RLT1377	30	N	N	100	15	10	N	100
RLT1378	50	N	N	<100	10	20	N	70
RLT1379	30	<5	N	<100	20	15	N	150
RLT1380	100	<5	N	<100	15	70	N	150
RLT1381	50	<5	N	100	20	10	N	100
RLT1382	500	<5	N	100	10	15	200	100
TF0001	700	7	N	100	15	70	N	500
TF0002	700	7	50	150	30	70	N	500
TF0003	200	7	15	150	15	100	N	300
TF0004	150	7	10	200	30	100	N	300
TF0005	150	7	<10	200	30	100	N	300
TF0006	700	7	15	100	20	70	N	100
TF0007	70	7	<10	200	50	70	N	100
TF0008	150	7	<10	150	30	100	N	200
TF0009	200	10	<10	300	20	100	N	150
TF0010	150	7	<10	150	30	50	N	150
TF0011	70	7	N	150	30	70	N	150
TF0012	100	7	<10	150	20	70	N	300
TF0013	150	7	<10	500	30	100	N	300
TF0014	70	7	N	200	50	70	N	200
TF0015	200	7	<10	100	30	100	N	200
TF0016	100	7	<10	150	50	70	N	300
TF0017	150	7	<10	150	50	70	N	200
TF0018	100	7	<10	200	50	50	N	70
TF0019	70	5	N	100	50	70	N	70
TF0020	300	<5	<10	100	15	100	N	100
TF0021	150	7	<10	150	50	70	N	100
TF0022	200	7	<10	100	70	70	N	300
TF0023	100	7	<10	150	30	100	N	70
TF0024	70	10	<10	150	50	70	<200	300
TF0025	50	7	<10	200	30	100	N	150
TF0026	100	7	<10	100	50	100	<200	300
TF0027	70	7	N	200	70	50	N	200
TF0028	150	7	<10	150	30	30	N	200
TF0029	700	7	<10	300	50	70	N	300
TF0030	500	7	<10	200	30	100	N	200
TF0031	500	7	<10	500	30	70	N	300
TF0032	200	7	<10	150	30	100	N	300
TF0033	100	7	10	150	30	100	N	300

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	X-utm	Y-utm	Fe-pct. S	Mg-pct. S	Ca-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	As-ppm S	B-ppm S
TF0034	482,624.61	3,441,874.5	2.0	1.00	.20	.30	1,000	<.5	N	1,000
TF0035	482,697.49	3,441,898.2	2.0	.70	.15	.20	700	<.5	N	300
TF0036	482,766.56	3,441,900.5	1.5	.70	.20	.20	1,000	<.5	N	300
TF0037	482,706.35	3,441,936.1	1.5	.70	.15	.20	700	.5	N	300
TF0038	482,819.49	3,442,001.3	1.0	.50	.07	.15	1,000	<.5	N	150
TF0039	482,806.97	3,442,021.5	1.5	.70	.10	.15	1,000	1.0	N	200
TF0040	482,896.75	3,441,675.2	1.5	.70	.05	.20	1,000	.5	N	700
TF0041	482,937.04	3,441,736.9	1.0	.70	.07	.20	700	.5	N	200
TF0042	483,070.18	3,441,749.0	1.5	.70	.15	.15	700	.5	<200	300
TF0043	482,893.02	3,441,694.2	2.0	.70	.07	.20	700	<.5	N	500
TF0044	482,725.00	3,441,706.0	7.0	.50	.07	.20	1,500	.5	N	1,000
TF0045	482,553.93	3,441,677.9	5.0	.70	.07	.30	1,000	.7	N	1,000
TF0046	482,551.39	3,441,660.2	3.0	.70	.10	.20	2,000	.7	N	1,000
TF0047	482,612.86	3,441,629.7	2.0	1.00	.15	.50	1,500	<.5	N	1,500
TF0048	482,602.79	3,441,612.0	2.0	1.00	.30	.30	2,000	<.5	N	1,000
TF0049	482,508.43	3,440,831.0	2.0	.70	.07	.30	1,000	.7	N	200
TF0050	482,701.93	3,441,576.3	1.5	.70	.05	.20	1,500	<.5	N	500
TF0051	482,655.30	3,441,490.6	1.5	.70	.10	.20	1,000	<.5	N	700
TF0052	481,936.65	3,441,291.5	2.0	1.00	.15	.30	1,500	.5	N	1,000
TF0053	483,485.31	3,442,148.8	2.0	.70	<.05	.50	1,500	.5	N	300
TF0054	483,687.57	3,442,196.0	1.5	.70	.07	.30	1,500	1.0	N	500
TF0055	483,592.09	3,442,168.6	1.5	.70	.05	.20	1,500	.7	N	300
TF0056	483,754.07	3,442,165.4	1.5	.70	.07	.20	1,500	<.5	N	150
TF0057	483,745.26	3,442,152.8	1.5	.70	.05	.20	700	N	N	100
TF0058	483,433.91	3,442,195.7	2.0	.50	.05	.20	1,500	<.5	N	500
TF0059	483,405.11	3,442,242.6	1.5	.50	.07	.20	1,500	.7	N	300
TF0060	483,435.29	3,442,263.9	1.5	.70	.05	.30	1,000	1.5	N	500
TF0061	483,359.96	3,442,274.3	2.0	.70	<.05	.30	1,500	.5	N	500
TF0062	483,356.27	3,442,314.7	1.5	.70	<.05	.20	2,000	<.5	N	500
TF0063	483,312.30	3,442,306.0	2.0	.70	.05	.20	3,000	10.0	N	500
TF0064	483,327.46	3,442,355.2	1.5	.70	.05	.10	1,500	.7	N	300
TF0065	483,318.63	3,442,335.1	5.0	.70	.05	.50	1,500	<.5	N	500
TF0066	483,302.48	3,442,426.0	3.0	.70	<.05	.30	1,000	.5	N	300
TF0067	483,290.14	3,442,549.8	2.0	.50	<.05	.20	1,000	.5	N	300
TF0068	483,228.78	3,442,640.9	2.0	.70	<.05	.30	1,500	.7	N	500
TF0069	483,185.09	3,442,785.0	1.0	.70	.05	.15	1,500	1.5	N	200
TF0070	483,337.70	3,442,462.5	2.0	.70	.10	.20	1,000	.7	N	1,000
TF0071	483,435.63	3,442,450.7	2.0	1.00	.07	.15	1,500	1.0	N	1,500
TF0072	483,440.61	3,442,424.2	1.5	.70	.07	.20	1,000	.7	N	1,000
TF0073	483,517.21	3,442,428.9	1.5	.70	.07	.20	1,000	.5	N	700
TF0074	483,561.36	3,442,532.3	1.5	.70	.10	.15	1,000	1.0	N	700
TF0075	483,571.39	3,442,525.9	1.5	.70	.10	.20	1,500	1.0	N	700
TF0076	483,524.68	3,442,392.3	2.0	.50	.07	.20	1,000	<.5	N	500
TF0077	483,537.20	3,442,367.0	1.5	.50	.07	.20	1,000	.7	N	500
TF0078	483,638.96	3,442,394.4	1.5	.50	.05	.20	700	.7	N	200

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Be-ppm s	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s
TF0034	700	1.5	10	15	10	50	100	5	7
TF0035	700	2.0	N	10	<10	20	70	<5	7
TF0036	700	2.0	N	7	10	20	150	<5	5
TF0037	1,000	2.0	N	7	<10	20	70	<5	5
TF0038	500	2.0	N	<5	<10	20	50	<5	<5
TF0039	700	3.0	15	<5	<10	30	100	<5	5
TF0040	700	2.0	<10	7	<10	20	70	<5	<5
TF0041	700	5.0	N	5	<10	20	100	<5	7
TF0042	500	2.0	<10	7	<10	30	70	<5	5
TF0043	1,000	3.0	N	5	<10	20	70	<5	5
TF0044	700	2.0	<10	5	<10	50	50	<5	<5
TF0045	700	2.0	20	10	<10	30	70	7	10
TF0046	700	2.0	<10	15	10	30	70	5	5
TF0047	1,500	3.0	<10	15	15	50	100	5	7
TF0048	1,000	3.0	150	7	10	50	50	5	5
TF0049	700	2.0	N	7	<10	70	50	10	<5
TF0050	700	2.0	N	10	<10	50	50	<5	5
TF0051	1,000	3.0	N	7	<10	50	70	<5	5
TF0052	1,000	3.0	N	7	<10	50	50	5	<5
TF0053	1,500	2.0	10	15	<10	100	30	10	N
TF0054	1,000	2.0	<10	30	<10	200	20	10	<5
TF0055	1,000	2.0	<10	20	<10	150	20	10	<5
TF0056	700	2.0	N	15	<10	100	70	5	<5
TF0057	1,000	1.5	N	10	<10	30	70	<5	<5
TF0058	1,500	1.5	15	20	<10	150	30	15	<5
TF0059	1,000	2.0	<10	10	<10	200	50	<5	5
TF0060	1,000	2.0	15	15	10	200	50	10	5
TF0061	1,000	1.5	10	20	<10	100	50	20	<5
TF0062	1,000	2.0	<10	15	<10	70	30	5	5
TF0063	1,000	2.0	20	30	<10	2,000	70	20	5
TF0064	1,000	2.0	10	30	<10	300	30	<5	5
TF0065	1,000	1.5	15	20	<10	100	70	15	5
TF0066	1,000	1.5	150	10	<10	100	70	10	<5
TF0067	1,000	1.5	<10	15	<10	70	20	5	<5
TF0068	1,000	2.0	<10	15	<10	200	30	15	5
TF0069	300	1.5	10	15	<10	150	20	7	7
TF0070	1,000	2.0	10	15	10	200	50	15	<5
TF0071	700	2.0	10	20	<10	500	50	7	<5
TF0072	1,000	2.0	<10	30	10	300	70	5	<5
TF0073	1,000	2.0	<10	30	<10	500	70	5	<5
TF0074	700	1.5	N	50	<10	500	70	15	<5
TF0075	1,000	2.0	<10	50	<10	500	70	10	7
TF0076	1,000	1.5	<10	30	<10	200	50	10	<5
TF0077	1,000	1.5	<10	20	<10	200	70	5	5
TF0078	700	2.0	<10	15	<10	150	50	7	<5

Table 1. Analytical data for ~30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s
TF0034	100	7	50	200	30	150	N	200
TF0035	70	7	10	150	30	50	N	200
TF0036	70	5	<10	150	20	100	N	300
TF0037	200	5	70	200	30	70	N	200
TF0038	70	5	N	<100	15	50	N	300
TF0039	300	5	<10	150	15	150	N	70
TF0040	150	7	<10	150	20	70	N	70
TF0041	300	7	10	100	15	150	N	100
TF0042	200	5	<10	100	30	70	200	70
TF0043	200	7	<10	150	15	100	N	300
TF0044	700	5	<10	150	20	70	N	100
TF0045	300	7	<10	100	30	70	N	150
TF0046	300	7	<10	150	30	70	N	100
TF0047	100	7	10	500	30	200	N	200
TF0048	100	7	10	150	50	70	200	200
TF0049	700	5	<10	200	30	70	500	200
TF0050	100	5	<10	200	50	100	N	200
TF0051	70	5	<10	200	30	100	<200	150
TF0052	100	7	<10	150	30	100	N	200
TF0053	70	7	<10	100	20	70	N	300
TF0054	100	7	10	150	30	70	N	200
TF0055	70	7	15	200	20	70	N	200
TF0056	70	7	<10	150	30	150	<200	200
TF0057	100	5	<10	200	30	50	N	200
TF0058	100	7	<10	150	20	100	N	300
TF0059	150	5	<10	150	20	70	500	200
TF0060	200	7	10	200	20	150	500	300
TF0061	100	7	10	150	20	100	<200	300
TF0062	100	7	<10	150	20	70	300	300
TF0063	700	7	20	150	30	150	2,000	300
TF0064	200	5	<10	200	15	100	1,000	70
TF0065	200	7	<10	100	30	100	N	300
TF0066	300	5	<10	100	30	100	<200	300
TF0067	100	<5	<10	100	15	50	<200	70
TF0068	100	<5	10	100	30	70	<200	200
TF0069	500	5	<10	150	30	50	200	70
TF0070	70	7	10	100	30	70	<200	200
TF0071	100	7	10	300	30	100	300	200
TF0072	100	7	10	150	30	100	200	100
TF0073	150	7	10	300	30	100	N	100
TF0074	100	5	10	200	30	100	N	150
TF0075	200	5	<10	300	30	100	N	100
TF0076	100	7	<10	300	50	100	N	100
TF0077	100	7	10	200	50	100	<200	70
TF0078	300	5	<10	100	30	50	N	70

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	X-utm	Y-utm	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppt %	Ag-ppt %	As-ppt %	B-ppt %
TF0079	483,685.39	3,442,379.0	1.5	.70	.10	.20	700	1.5	N	300
TF0080	483,671.54	3,442,353.8	2.0	.70	.10	.20	2,000	1.0	N	500
TF0081	483,705.38	3,442,319.6	1.5	.50	.05	.15	1,500	.5	N	500
TF0082	483,763.00	3,442,325.0	1.5	.50	.10	.15	2,000	1.5	N	200
TF0083	484,432.18	3,442,612.0	1.5	.70	.05	.20	700	.5	N	1,500
TF0084	484,351.22	3,442,571.3	1.0	1.00	.07	.20	1,000	<.5	N	1,000
TF0085	484,231.90	3,442,466.8	1.0	.70	.07	.10	1,500	<.5	N	500
TF0086	483,774.59	3,442,396.3	1.5	.70	.20	.15	3,000	2.0	N	300
TF0087	483,797.06	3,442,328.1	1.0	.70	.07	.20	1,000	<.5	N	500
TF0088	483,709.14	3,442,319.6	1.0	.70	.07	.15	2,000	1.0	N	300
TF0089	484,496.20	3,442,455.8	1.5	.70	.05	.20	1,000	<.5	N	500
TF0090	484,516.37	3,442,438.1	3.0	1.00	.05	.30	2,000	.5	N	200
TF0091	484,609.17	3,442,419.1	1.0	.50	.05	.20	500	<.5	N	500
TF0092	484,606.36	3,442,387.5	7.0	1.00	<.05	.30	1,500	<.5	N	500
TF0093	484,657.92	3,442,380.6	1.5	.50	.05	.30	700	.5	N	500
TF0094	484,685.02	3,442,315.8	1.5	.70	.05	.15	700	<.5	N	300
TF0095	484,701.43	3,442,320.7	2.0	.70	.05	.30	1,000	<.5	N	70
TF0096	484,627.80	3,442,256.0	1.5	.70	.07	.15	700	<.5	N	500
TF0097	484,734.15	3,442,319.0	1.0	.50	.05	.10	700	<.5	N	200
TF0098	484,692.83	3,442,208.4	1.5	1.00	.07	.30	1,000	<.5	N	70
TF0099	484,680.27	3,442,211.1	1.5	1.00	.07	.20	2,000	<.5	N	200
TF0100	484,807.61	3,442,229.7	5.0	.70	.07	.30	1,000	<.5	N	200
TF0101	484,881.84	3,442,225.0	2.0	1.00	.07	.30	1,500	.5	N	300
TF0102	484,890.23	3,442,179.4	1.5	.70	.07	.20	1,000	<.5	N	70
TF0103	484,879.96	3,442,021.7	1.5	.70	.07	.20	700	N	N	70
TF0104	484,950.27	3,442,137.0	1.5	1.00	.20	.20	1,000	<.5	N	50
TF0105	484,972.97	3,442,140.5	2.0	1.00	.20	.20	700	<.5	N	150
TF0106	484,990.78	3,442,160.5	3.0	1.00	.07	.20	2,000	.5	N	200
TF0107	485,069.79	3,442,261.8	2.0	1.00	.05	.20	5,000	.5	N	200
TF0108	485,097.42	3,442,255.1	2.0	1.00	.07	.15	1,500	1.0	N	200
TF0109	484,983.35	3,442,038.1	2.0	1.50	.10	.20	1,500	<.5	N	30
TF0110	485,061.03	3,441,996.7	1.5	1.00	.10	.20	1,000	<.5	N	100
TF0111	485,068.16	3,441,951.2	3.0	1.50	.07	.30	1,000	<.5	N	100
TF0112	485,050.46	3,441,943.8	3.0	1.00	.07	.30	1,000	<.5	N	150
TF0113	485,043.60	3,441,882.0	2.0	1.00	.05	.20	1,000	<.5	N	50
TF0114	484,456.55	3,442,253.1	1.5	1.00	.07	.20	2,000	<.5	N	200
TF0115	484,427.53	3,442,247.1	1.5	.30	.05	.20	1,000	<.5	N	300
TF0116	484,412.53	3,442,258.7	1.5	1.00	.10	.20	1,000	.5	N	700
TF0117	484,274.07	3,442,263.0	1.5	.70	.15	.30	1,500	<.5	N	500
TF0118	484,267.96	3,442,284.5	1.5	.70	.10	.15	1,500	1.0	N	500
TF0119	484,166.76	3,442,366.6	1.5	.70	.10	.30	1,500	.7	N	1,500

Table 1. Analytical data for -30 mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm S	Be-ppm S	Bi-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Vi-ppm S
TF0079	700	1.5	10	15	10	300	50	10	5
TF0080	1,000	2.0	<10	30	<10	200	50	10	<5
TF0081	700	2.0	N	15	<10	100	70	7	5
TF0082	700	2.0	<10	50	<10	200	70	<5	<5
TF0083	700	3.0	N	30	10	150	50	15	5
TF0084	1,000	3.0	N	30	<10	100	50	5	5
TF0085	700	2.0	N	30	<10	100	70	10	<5
TF0086	700	2.0	10	50	<10	200	70	10	7
TF0087	1,000	2.0	N	15	<10	100	70	5	<5
TF0088	700	1.5	<10	30	<10	300	50	5	<5
TF0089	1,000	1.5	<10	30	10	100	50	10	<5
TF0090	1,000	2.0	<10	30	15	150	30	30	<5
TF0091	1,000	3.0	N	5	<10	50	50	5	<5
TF0092	500	2.0	N	30	70	300	100	20	10
TF0093	700	2.0	<10	20	<10	200	50	15	7
TF0094	700	2.0	<10	10	<10	150	50	15	<5
TF0095	700	1.5	10	20	10	150	70	20	5
TF0096	700	1.5	<10	15	<10	150	50	15	<5
TF0097	700	2.0	<10	50	<10	200	30	15	5
TF0098	1,000	3.0	<10	20	<10	150	70	15	5
TF0099	700	2.0	<10	30	<10	200	50	10	<5
TF0100	700	2.0	<10	30	20	200	1,000	50	5
TF0101	700	3.0	<10	30	<10	200	200	15	<5
TF0102	700	1.5	N	15	<10	150	70	15	<5
TF0103	700	1.5	N	15	<10	100	30	15	<5
TF0104	700	2.0	<10	15	<10	150	150	7	<5
TF0105	700	1.5	<10	10	<10	100	100	15	<5
TF0106	700	2.0	<10	20	20	200	150	30	<5
TF0107	700	3.0	<10	20	20	150	100	20	<5
TF0108	700	2.0	<10	20	15	200	50	20	5
TF0109	700	2.0	<10	20	20	100	30	15	<5
TF0110	700	2.0	<10	15	<10	100	200	15	<5
TF0111	700	2.0	10	50	30	150	150	20	10
TF0112	700	1.5	<10	15	20	100	150	15	5
TF0113	700	1.5	<10	15	10	50	50	15	<5
TF0114	700	2.0	<10	15	<10	200	30	10	<5
TF0115	700	1.5	<10	15	<10	70	20	10	<5
TF0116	700	1.0	N	20	<10	200	100	5	<5
TF0117	700	1.0	N	20	10	200	100	5	10
TF0118	700	1.5	<10	30	<10	150	100	5	<5
TF0119	700	1.5	<10	30	10	200	200	10	<5

Table 1. Analytical data for  $^{238}\text{U}$  mesh stream sediment samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S
TF0079	200	5	10	200	30	70	N	100
TF0080	300	7	10	150	30	70	<200	100
TF0081	50	7	15	100	30	150	<200	100
TF0082	70	5	<10	150	30	70	<200	150
TF0083	100	7	10	200	30	150	<200	100
TF0084	150	5	<10	300	20	150	<200	100
TF0085	50	5	<10	200	20	150	<200	70
TF0086	150	5	<10	150	30	100	<200	200
TF0087	50	7	10	150	20	100	<200	200
TF0088	150	5	<10	200	20	100	<200	200
TF0089	300	10	10	150	30	200	<200	300
TF0090	300	<5	10	200	70	100	300	100
TF0091	200	5	<10	<100	10	200	N	70
TF0092	100	5	30	150	150	200	500	500
TF0093	300	7	10	100	15	300	N	>1,000
TF0094	200	<5	<10	150	30	70	200	200
TF0095	200	7	10	200	100	150	300	500
TF0096	100	7	<10	150	20	70	300	100
TF0097	150	5	<10	150	30	70	<200	150
TF0098	200	7	<10	150	50	150	200	300
TF0099	150	7	<10	200	30	150	500	200
TF0100	70	5	20	300	150	200	700	300
TF0101	200	7	15	200	70	150	300	200
TF0102	200	5	<10	150	50	70	<200	100
TF0103	70	7	<10	150	30	150	<200	100
TF0104	150	7	<10	300	50	100	<200	100
TF0105	150	7	<10	200	70	100	200	150
TF0106	300	7	30	300	100	150	700	200
TF0107	150	7	20	300	70	150	500	200
TF0108	500	7	15	300	50	100	500	200
TF0109	300	7	10	300	50	70	N	200
TF0110	200	7	<10	300	50	50	<200	200
TF0111	300	10	15	300	100	100	500	200
TF0112	100	5	10	200	100	100	<200	300
TF0113	100	5	<10	150	70	50	N	300
TF0114	300	5	<10	100	30	30	1,000	100
TF0115	200	<5	<10	100	20	50	200	100
TF0116	200	7	15	150	70	50	500	70
TF0117	70	7	<10	150	70	50	<200	70
TF0118	70	5	15	150	50	50	500	70
TF0119	150	7	10	150	70	70	<200	100



Table 2. Analytical data for soil samples collected during the U.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.  
 [We not detected? < detected but below the limit of determination shown? > determined to be greater than the value shown. Columns 27 to 42 are identified in Table 4.]

Sample	Latitude	Longitude	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-ppt. S	Mn-ppt. S	Ag-ppt. S	B-ppt. S	Be-ppt. S
PKT0531	31 7 3	111 9 37	1.5	.15	.15	.70	500	N	500	1.5
PKT0532	31 7 3	111 9 38	3.0	.15	.20	.20	1,500	N	200	7.0
PKT0533	31 7 4	111 9 39	2.0	.10	.15	.15	200	N	150	1.5
PKT0534	31 7 4	111 9 39	3.0	.15	.07	.15	300	<.5	700	1.5
PKT0535	31 7 5	111 10 0	2.0	.07	.20	.07	300	N	300	1.0
PKT0536	31 7 5	111 10 0	3.0	.10	.20	.07	300	N	300	1.5
PKT0537	31 7 5	111 10 0	3.0	.15	.15	.15	700	N	700	1.0
PKT0538	31 7 6	111 9 39	3.0	.20	.15	.30	1,000	.7	1,500	1.5
PKT0539	31 7 6	111 9 38	3.0	.30	.15	.20	3,000	N	1,000	1.5
PKT0540	31 7 7	111 9 38	3.0	.30	.15	.20	2,000	<.5	>2,000	1.5
PKT0541	31 7 8	111 9 37	3.0	.30	.10	.30	5,000	2.0	2,000	1.5
PKT0542	31 7 9	111 9 37	2.0	.30	.70	.20	2,000	1.0	1,500	2.0
PKT0543	31 7 9	111 9 37	2.0	.30	.15	.20	3,000	1.5	500	1.5
PKT0544	31 7 10	111 9 38	1.5	.15	.15	.10	3,000	N	700	2.0
PKT0545	31 7 11	111 9 38	3.0	.30	.20	.15	3,000	N	500	2.0
PKT0546	31 7 11	111 9 38	3.0	.30	.20	.15	3,000	N	500	1.5
PKT0547	31 7 12	111 9 38	2.0	.30	.15	.15	3,000	N	700	1.5
PKT0548	31 7 13	111 9 38	3.0	.30	.15	.15	2,000	N	1,500	1.5
PKT0549	31 7 13	111 9 37	3.0	.50	.30	.30	>5,000	<.5	1,500	2.0
PKT0550	31 7 14	111 9 37	3.0	.70	.20	.30	>5,000	N	1,500	2.0
PKT0551	31 7 14	111 9 36	1.5	.50	.15	.15	>5,000	N	1,500	2.0
PKT0552	31 7 14	111 9 35	3.0	1.00	.30	.30	>5,000	<.5	1,500	3.0
PKT0553	31 7 15	111 9 35	2.0	1.00	.15	.20	>5,000	N	1,500	3.0
PKT0554	31 7 15	111 9 34	3.0	1.50	.30	.70	>5,000	N	1,500	2.0
PKT0555	31 7 15	111 9 33	2.0	1.30	.20	.70	>5,000	N	2,000	2.0
PKT0556	31 7 9	111 9 30	2.0	1.50	.10	.50	>5,000	<.5	>2,000	1.5
PKT0557	31 7 9	111 9 31	1.5	1.50	.15	.30	>5,000	<.5	>2,000	1.5
PKT0558	31 7 9	111 9 32	3.0	1.00	.15	.70	>5,000	1.5	>2,000	1.0
PKT0559	31 7 9	111 9 33	3.0	1.50	.15	.70	>5,000	1.0	>2,000	1.0
PKT0560	31 7 9	111 9 34	2.0	1.00	.20	.50	5,000	.5	2,000	1.5
PKT0561	31 7 9	111 9 35	3.0	1.00	.15	.50	3,000	<.5	>2,000	1.0
PKT0562	31 7 9	111 9 35	2.0	.70	.20	.30	>5,000	<.5	1,500	2.0
PKT0563	31 7 9	111 9 36	3.0	.70	.20	.70	>5,000	<.5	700	1.5
PKT0564	31 7 7	111 9 37	3.0	1.00	.15	.50	>5,000	1.0	>2,000	1.0
PKT0565	31 7 7	111 9 36	3.0	.70	.10	.50	>5,000	.7	>2,000	1.0
PKT0566	31 7 7	111 9 35	3.0	1.00	.15	.70	3,000	.5	>2,000	1.5
PKT0567	31 7 5	111 10 1	3.0	1.50	.10	.70	3,000	N	>2,000	1.0
PKT0568	31 7 4	111 10 2	3.0	1.50	.15	1.00	>5,000	<.5	>2,000	1.0
PKT0569	31 7 4	111 10 2	1.5	1.50	.10	.30	5,000	<.5	2,000	1.0
PKT0570	31 7 3	111 10 3	3.0	1.50	.15	.70	>5,000	<.5	>2,000	1.5
PKT0571	31 7 3	111 10 4	3.0	1.50	.15	1.00	>5,000	<.5	>2,000	1.5
PKT0572	31 7 2	111 10 4	3.0	1.50	.15	1.00	3,000	.5	>2,000	1.0
PKT0573	31 7 2	111 10 5	1.0	1.00	.15	.30	>5,000	N	700	1.5
PKT0574	31 7 2	111 10 6	3.0	1.50	.15	1.00	3,000	1.0	>2,000	1.5
PKT0575	31 7 2	111 10 7	2.0	1.50	.15	.30	1,500	1.5	>2,000	1.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.

Sample	Bi-ppm s	Co-ppm s	Cr-ppm s	Lu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT0531	N	<5	<10	30	30	<5	<5	15	<5	N	<100
PKT0532	N	7	<10	30	70	<5	7	30	<5	N	100
PKT0533	N	7	<10	50	50	<5	<5	15	<5	N	<100
PKT0534	N	<5	<10	30	50	<5	<5	15	<5	N	<100
PKT0535	N	<5	<10	20	30	<5	<5	10	<5	N	<100
PKT0536	N	N	<10	15	30	<5	<5	15	<5	N	<100
PKT0537	N	<5	<10	15	30	<5	5	15	<5	N	<100
PKT0538	N	5	<10	150	100	150	7	150	7	<10	100
PKT0539	N	5	10	30	50	<5	7	50	<5	N	150
PKT0540	N	7	<10	30	50	7	10	30	5	N	100
PKT0541	N	15	<10	50	50	<5	7	30	<5	<10	<100
PKT0542	<10	15	<10	70	100	<5	10	700	5	N	150
PKT0543	N	15	<10	50	50	5	5	500	<5	N	<100
PKT0544	N	20	<10	100	30	<5	7	30	<5	N	<100
PKT0545	N	7	<10	100	50	<5	7	70	<5	N	<100
PKT0546	N	7	<10	30	50	<5	7	20	<5	N	<100
PKT0547	N	5	<10	50	50	<5	<5	10	<5	N	<100
PKT0548	N	<5	<10	70	50	<5	<5	30	<5	N	<100
PKT0549	N	15	<10	150	50	<5	5	300	<5	N	<100
PKT0550	N	15	<10	70	70	<5	5	150	<5	N	<100
PKT0551	N	10	<10	50	70	N	<5	10	<5	N	<100
PKT0552	N	50	<10	300	50	<5	5	30	<5	<10	100
PKT0553	N	15	<10	150	30	<5	<5	20	<5	N	100
PKT0554	N	20	<10	300	50	<5	5	30	<5	N	<100
PKT0555	<10	20	<10	300	70	<5	5	20	<5	<10	<100
PKT0556	N	15	N	200	50	<5	N	30	<5	N	N
PKT0557	N	5	<10	100	30	<5	<5	50	N	N	N
PKT0558	N	20	<10	200	70	5	<5	100	<5	<10	100
PKT0559	N	10	<10	150	70	5	<5	30	<5	N	150
PKT0560	N	7	<10	200	50	<5	<5	50	<5	<10	100
PKT0561	N	7	<10	150	30	5	<5	150	<5	<10	150
PKT0562	N	10	<10	70	30	<5	7	100	<5	N	<100
PKT0563	N	7	<10	100	70	<5	7	70	5	<10	100
PKT0564	N	5	<10	100	70	5	5	30	<5	N	<100
PKT0565	N	15	<10	150	50	5	5	50	<5	<10	<100
PKT0566	N	15	<10	150	50	<5	<5	50	<5	N	<100
PKT0567	N	7	<10	150	30	<5	<5	15	<5	<10	<100
PKT0568	N	5	<10	500	30	<5	<5	30	<5	N	N
PKT0569	N	<5	300	300	20	<5	N	15	N	<10	<100
PKT0570	N	7	<10	700	30	<5	<5	20	<5	10	100
PKT0571	N	5	<10	300	50	15	5	N	<5	N	<100
PKT0572	N	<5	<10	200	50	10	7	30	<5	<10	<100
PKT0573	N	N	N	20	20	N	<5	N	N	N	N
PKT0574	N	N	<10	200	50	<5	<5	30	<5	N	N
PKT0575	N	<5	<10	150	50	<5	<5	15	N	N	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.

Sample	V- $\mu\text{m}$ s	Y- $\mu\text{m}$ s	Zn-ppm s	Zr-ppm s	f $\mu$	ss	Tbr	st	Ry	Gr
PKT0531	10	10	N	70	100	1	1	1	1	1
PKT0532	20	15	N	70	100	1	1	1	1	1
PKT0533	15	10	N	100	100	1	1	1	1	1
PKT0534	15	15	N	70	1	100	1	1	1	1
PKT0535	10	10	N	70	1	100	1	1	1	1
PKT0536	15	10	N	70	1	100	1	1	1	1
PKT0537	15	10	N	70	1	100	1	1	1	1
PKT0538	10	20	N	150	1	1	100	1	1	1
PKT0539	10	15	N	100	1	100	1	1	1	1
PKT0540	10	20	N	70	1	1	100	1	1	1
PKT0541	<10	30	N	100	1	1	100	1	1	1
PKT0542	15	30	N	100	1	1	100	1	1	1
PKT0543	10	30	N	100	1	100	1	1	1	1
PKT0544	<10	15	N	70	100	1	1	1	1	1
PKT0545	<10	15	N	70	100	1	1	1	1	1
PKT0546	10	15	N	100	100	1	1	1	1	1
PKT0547	<10	15	N	70	100	1	1	1	1	1
PKT0548	<10	10	N	70	100	1	1	1	1	1
PKT0549	<10	30	N	70	1	1	100	1	1	1
PKT0550	<10	30	N	70	1	100	1	1	1	1
PKT0551	<10	15	N	70	1	100	1	1	1	1
PKT0552	<10	10	N	100	1	100	1	1	1	1
PKT0553	<10	15	N	50	1	100	1	1	1	1
PKT0554	20	15	N	70	1	1	1	100	1	1
PKT0555	20	20	N	100	1	1	1	100	1	1
PKT0556	10	20	N	70	1	1	1	1	100	1
PKT0557	10	15	N	100	1	1	1	1	1	1
PKT0558	15	20	N	100	1	1	1	100	1	1
PKT0559	15	20	N	100	100	1	1	1	1	1
PKT0560	20	15	N	100	100	1	1	1	1	1
PKT0561	15	20	N	70	1	100	1	1	1	1
PKT0562	15	15	N	70	1	100	1	1	1	1
PKT0563	15	20	N	150	1	100	1	1	1	1
PKT0564	15	20	N	100	1	100	1	1	1	1
PKT0565	20	15	N	200	1	100	1	1	1	1
PKT0566	20	20	N	150	100	1	1	1	1	1
PKT0567	20	15	N	70	1	1	1	1	1	100
PKT0568	30	15	N	70	1	1	1	1	1	100
PKT0569	10	<10	N	30	1	1	1	1	1	100
PKT0570	30	15	N	70	1	1	1	1	1	100
PKT0571	20	20	N	70	1	1	1	1	1	1
PKT0572	30	15	N	150	1	1	1	1	1	1
PKT0573	15	<10	N	70	1	1	1	1	1	1
PKT0574	20	15	N	70	1	1	1	1	1	1
PKT0575	10	15	N	70	1	1	1	1	100	1

Table 2. analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.

sample	u	ur	tf	Ak	Qm	Fb	3p	Ser	My	d
PKT0531	1	1	1	1	1	1	1	1	1	1
PKT0532	1	1	1	1	1	1	1	1	1	1
PKT0533	1	1	1	1	1	1	1	1	1	1
PKT0534	1	1	1	1	1	1	1	1	1	1
PKT0535	1	1	1	1	1	1	1	1	1	1
PKT0536	1	1	1	1	1	1	1	1	1	1
PKT0537	1	1	1	1	1	1	1	1	1	1
PKT0538	1	1	1	1	1	1	1	1	1	1
PKT0539	1	1	1	1	1	1	1	1	1	1
PKT0540	1	1	1	1	1	1	1	1	1	1
PKT0541	1	1	1	1	1	1	1	1	1	1
PKT0542	1	1	1	1	1	1	1	1	1	1
PKT0543	1	1	1	1	1	1	1	1	1	1
PKT0544	1	1	1	1	1	1	1	1	1	1
PKT0545	1	1	1	1	1	1	1	1	1	1
PKT0546	1	1	1	1	1	1	1	1	1	1
PKT0547	1	1	1	1	1	1	1	1	1	1
PKT0548	1	1	1	1	1	1	1	1	1	1
PKT0549	1	1	1	1	1	1	1	1	1	1
PKT0550	1	1	1	1	1	1	1	1	1	1
PKT0551	1	1	1	1	1	1	1	1	1	1
PKT0552	1	1	1	1	1	1	1	1	1	1
PKT0553	1	1	1	1	1	1	1	1	1	1
PKT0554	1	1	1	1	1	1	1	1	1	1
PKT0555	1	1	1	1	1	1	1	1	1	1
PKT0556	1	1	1	1	1	1	1	1	1	1
PKT0557	1	1	1	1	1	1	1	1	1	1
PKT0558	1	1	1	1	1	1	1	1	1	1
PKT0559	1	1	1	1	1	1	1	1	1	1
PKT0560	1	1	1	1	1	1	1	1	1	1
PKT0561	1	1	1	1	1	1	1	1	1	1
PKT0562	1	1	1	1	1	1	1	1	1	1
PKT0563	1	1	1	1	1	1	1	1	1	1
PKT0564	1	1	1	1	1	1	1	1	1	1
PKT0565	1	1	1	1	1	1	1	1	1	1
PKT0566	1	1	1	1	1	1	1	1	1	1
PKT0567	1	1	1	1	1	1	1	1	1	1
PKT0568	1	1	1	1	1	1	1	1	1	1
PKT0569	1	1	1	1	1	1	1	1	1	1
PKT0570	1	1	1	1	1	1	1	1	1	1
PKT0571	100	1	1	1	1	1	1	1	1	1
PKT0572	100	1	1	1	1	1	1	1	1	1
PKT0573	100	1	1	1	1	1	1	1	1	1
PKT0574	100	1	1	1	1	1	1	1	1	1
PKT0575	1	1	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo Guaranizte, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-pct. S	Mg-pct. S	Cu-pct. S	Ti-pct. S	Mn-ppm S	Ag-ppm S	B-pctm S	Ba-ppm S	De-ppm S
PKTU576	31 7 3	111 10 7	3.0	1.00	.20	.30	>5,000	<.5	1,500	1,500	1.0
PKTU577	31 7 4	111 10 6	3.0	.10	.20	.07	700	1.0	300	300	1.5
PKTU578	31 7 4	111 10 9	3.0	.07	.15	.10	700	<.5	200	200	1.5
PKTU579	31 7 5	111 10 9	2.0	.07	.15	.07	700	<.5	300	150	1.0
PKTU580	31 7 5	111 10 10	2.0	.10	.15	.10	700	.5	200	300	1.5
PKTU581	31 7 6	111 10 10	3.0	.10	.15	.15	300	1.0	300	500	1.0
PKTU582	31 7 7	111 10 11	3.0	.15	.20	.15	700	.5	300	300	1.0
PKTU584	31 7 8	111 10 12	2.0	.07	.10	.10	200	N	300	150	1.5
PKTU585	31 7 8	111 10 11	1.5	.07	.15	.07	300	N	200	200	1.5
PKTU586	31 7 8	111 10 12	2.0	.15	.30	.10	1,500	N	200	300	1.0
PKTU587	31 7 8	111 10 13	1.5	.07	.15	.07	500	N	200	150	1.0
PKTU590	31 7 9	111 10 14	3.0	.10	.20	.15	700	<.5	300	300	1.5
PKTU591	31 7 9	111 10 15	2.0	.15	.20	.20	1,000	N	200	300	1.0
PKTU592	31 7 9	111 10 16	3.0	.15	.20	.20	700	.7	300	300	1.0
PKTU593	31 7 9	111 10 17	3.0	.20	.20	.20	700	.5	300	300	1.0
PKTU594	31 7 10	111 10 18	2.0	.20	.15	.20	700	.5	500	300	1.0
PKTU595	31 7 10	111 10 19	1.5	.15	.15	.20	700	<.5	200	200	1.0
PKTU596	31 7 10	111 10 20	3.0	.30	.15	.20	700	N	300	150	1.0
PKTU597	31 7 11	111 10 21	3.0	.30	.20	.30	700	.7	1,500	500	1.5
PKTU598	31 7 11	111 10 21	3.0	.50	.20	.30	1,500	.7	1,500	500	1.0
PKTU599	31 7 12	111 10 22	2.0	.30	.15	.20	700	<.5	1,000	300	1.5
PKTU600	31 7 12	111 10 23	3.0	.70	.20	.30	5,000	.5	1,000	500	1.5
PKTU601	31 7 13	111 10 23	3.0	.30	.30	.30	5,000	N	700	500	1.5
PKTU602	31 7 13	111 10 24	3.0	.30	.15	.10	300	N	>2,000	300	1.5
PKTU603	31 7 14	111 10 24	3.0	.50	.30	.20	>5,000	N	500	1,000	1.0
PKTU604	31 7 14	111 10 25	3.0	.30	.15	.30	1,500	.5	500	500	1.0
PKTU605	31 7 14	111 10 26	2.0	.20	.15	.20	1,500	.5	1,500	300	1.5
PKTU606	31 7 15	111 10 27	2.0	.20	.15	.20	1,500	<.5	1,000	200	1.0
PKTU607	31 7 15	111 10 28	3.0	.50	.15	.30	2,000	.7	1,500	700	1.5
PKTU608	31 7 13	111 10 29	2.0	.30	.15	.30	2,000	.5	1,500	500	1.5
PKTU609	31 7 13	111 10 29	2.0	.30	.15	.15	3,000	.7	1,000	300	1.5
PKTU610	31 7 13	111 10 30	1.5	.20	.15	.15	3,000	.7	300	300	2.0
PKTU611	31 7 13	111 10 31	3.0	.70	.15	.30	3,000	<.5	300	500	2.0
PKTU612	31 7 13	111 10 32	2.0	.20	.10	.05	>5,000	.7	100	300	3.0
PKTU613	31 7 13	111 10 33	3.0	.20	.15	.05	2,000	.7	100	300	2.0
PKTU614	31 7 13	111 9 51	3.0	.50	.15	.30	>5,000	<.5	700	1,000	1.5
PKTU615	31 7 12	111 9 52	3.0	.70	.15	.30	>5,000	<.5	700	1,000	2.0
PKTU616	31 7 12	111 9 53	2.0	.50	.20	.20	>5,000	<.5	1,500	1,000	1.5
PKTU617	31 7 12	111 9 54	1.5	.50	.20	.20	>5,000	N	1,500	700	1.5
PKTU618	31 7 11	111 9 55	3.0	.70	.15	.50	>5,000	N	1,500	500	1.5
PKTU619	31 7 11	111 9 56	3.0	1.00	.20	.30	>5,000	<.5	>2,000	1,000	3.0
PKTU620	31 7 10	111 9 56	2.0	1.00	.20	.30	>5,000	<.5	>2,000	1,000	1.5
PKTU621	31 7 14	111 9 58	1.5	.70	.20	.30	>5,000	N	>2,000	1,500	1.5

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

sample	Bi-ppm S	Co-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PKTJ576	N	N	N	70	50	<5	<5	<5	N	N
PKTJ577	<10	<5	100	50	50	7	70	<5	<10	<100
PKTJ578	10	<5	20	50	50	5	30	<5	N	N
PKTJ579	<10	N	30	30	<5	5	15	N	N	N
PKTJ580	<10	<5	100	30	<5	7	150	<5	N	<100
PKTJ581	30	N	70	30	5	7	150	<5	N	N
PKTJ582	<10	<5	70	30	5	7	150	<5	<10	N
PKTJ583	N	N	30	30	5	5	50	N	N	N
PKTJ584	N	N	20	30	<5	5	20	N	N	N
PKTJ585	N	N	20	30	<5	5	30	N	N	N
PKTJ586	N	<5	20	30	<5	5	30	N	N	N
PKTJ587	N	<5	15	30	<5	<5	15	<5	N	<100
PKTJ588	<10	<5	30	30	<5	7	150	<5	N	<100
PKTJ589	<10	<5	30	50	<5	7	150	<5	N	N
PKTJ590	15	<5	30	30	<5	7	150	<5	N	<100
PKTJ591	<10	<5	30	30	<5	7	150	<5	N	N
PKTJ592	<10	<5	20	30	<5	7	30	<5	N	N
PKTJ593	N	N	30	30	<5	5	20	<5	N	N
PKTJ594	N	N	10	50	N	<5	<10	N	N	N
PKTJ595	<10	<5	70	50	<5	5	70	<5	N	N
PKTJ596	<10	<5	50	50	<5	7	70	<5	N	N
PKTJ597	<10	<5	50	30	<5	7	70	<5	<10	N
PKTJ598	N	<5	50	30	<5	<5	10	<5	N	N
PKTJ599	<10	5	70	30	<5	7	70	<5	N	N
PKTJ600	<10	<5	50	50	<5	7	100	<5	N	N
PKTJ601	N	N	30	50	<5	5	10	<5	N	N
PKTJ602	<10	<5	70	50	<5	7	100	<5	N	N
PKTJ603	10	<5	100	30	<5	5	70	<5	N	N
PKTJ604	<10	N	50	30	<5	7	30	<5	N	N
PKTJ605	<10	<5	50	30	<5	7	50	<5	N	N
PKTJ606	<10	15	200	50	<5	7	150	5	<10	N
PKTJ607	<10	7	100	50	<5	7	50	<5	<10	N
PKTJ608	<10	10	150	50	<5	7	100	<5	N	N
PKTJ609	<10	15	300	50	<5	5	150	<5	<10	N
PKTJ610	<10	15	1,000	50	<5	7	70	7	<10	N
PKTJ611	N	30	1,500	70	<5	5	15	N	N	N
PKTJ612	<10	15	700	70	<5	5	200	<5	<10	N
PKTJ613	N	10	50	30	<5	7	30	<5	N	N
PKTJ614	N	7	70	50	N	7	30	<5	N	N
PKTJ615	<10	15	150	30	<5	7	50	<5	N	N
PKTJ616	N	15	70	30	<5	5	20	<5	N	N
PKTJ617	N	15	70	70	N	<5	50	N	N	N
PKTJ618	N	20	300	50	<5	5	200	<5	N	N
PKTJ619	N	15	150	30	<5	7	200	<5	N	N
PKTJ620	N	15	100	50	<5	5	100	<5	N	N
PKTJ621	N	5	70	30	N	5	70	<5	N	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

sample	V--ppm s	Y--ppm s	Zn--ppm s	Zr--ppm s	Fe	ss	Tbr	si	Ry	Gr
PKT0576	15	10	N	70	1	1	1	1	100	1
PKT0577	30	15	N	70	1	1	1	1	1	1
PKT0578	30	10	N	100	1	1	1	1	1	1
PKT0579	20	<10	N	70	1	1	1	1	1	1
PKT0580	30	10	N	70	1	1	1	1	1	1
PKT0581	20	15	N	100	1	1	1	1	1	1
PKT0582	30	10	N	100	1	1	1	1	1	1
PKT0584	15	<10	N	70	1	1	1	1	1	1
PKT0585	15	<10	N	100	1	1	1	1	1	1
PKT0586	20	10	N	70	1	1	1	1	1	1
PKT0587	20	<10	N	70	1	1	1	1	1	1
PKT0588	30	10	N	70	1	1	1	1	1	1
PKT0589	30	10	N	100	1	1	1	1	1	1
PKT0590	30	10	N	100	1	1	1	1	1	1
PKT0591	30	10	N	100	1	1	1	1	1	1
PKT0592	30	10	N	100	1	1	1	1	1	1
PKT0593	20	<10	N	150	1	1	1	1	1	1
PKT0594	15	<10	N	70	1	1	1	1	1	1
PKT0595	20	10	N	70	1	1	1	1	1	1
PKT0596	30	10	N	100	1	1	1	1	1	1
PKT0597	30	10	N	150	1	1	1	1	1	1
PKT0598	20	<10	N	70	1	1	1	1	1	1
PKT0599	30	10	N	100	1	1	1	1	1	1
PKT0600	30	10	N	70	1	1	1	1	1	1
PKT0601	20	10	N	70	1	1	1	1	1	1
PKT0602	30	10	N	70	1	1	1	1	1	1
PKT0603	30	15	N	70	1	1	1	1	1	1
PKT0604	20	10	N	70	1	1	1	1	1	1
PKT0605	30	10	N	100	1	1	1	1	1	1
PKT0606	30	20	N	100	1	1	1	1	1	1
PKT0607	30	15	N	100	1	1	1	1	1	1
PKT0608	30	15	N	70	1	1	1	1	1	1
PKT0609	20	15	N	70	1	1	1	1	1	1
PKT0610	30	20	300	100	1	1	1	1	1	1
PKT0611	<10	30	1,000	70	1	1	1	1	1	1
PKT0612	10	20	700	100	1	1	1	1	100	1
PKT0613	30	15	N	150	100	1	1	1	1	1
PKT0614	20	15	N	70	1	1	1	100	1	1
PKT0615	20	20	N	70	1	1	1	100	1	1
PKT0616	15	15	N	70	1	1	1	100	1	1
PKT0617	15	15	N	50	100	1	1	1	1	1
PKT0618	30	20	<200	100	100	1	1	1	1	1
PKT0619	20	20	N	100	1	1	1	100	1	1
PKT0620	15	20	N	70	1	1	1	100	1	1
PKT0621	10	15	N	70	1	1	100	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangulo, northern Sonora, Mexico.--continued

Sample	w	ur	tf	Ak	Qm	Fo	Qp	Ser	My	d
PKT0576	1	1	1	1	1	1	1	1	1	1
PKT0577	100	1	1	1	1	1	1	1	1	1
PKT0578	100	1	1	1	1	1	1	1	1	1
PKT0579	100	1	1	1	1	1	1	1	1	1
PKT0580	100	1	1	1	1	1	1	1	1	1
PKT0581	100	1	1	1	1	1	1	1	1	1
PKT0582	100	1	1	1	1	1	1	1	1	1
PKT0584	100	1	1	1	1	1	1	1	1	1
PKT0585	100	1	1	1	1	1	1	1	1	1
PKT0586	100	1	1	1	1	1	1	1	1	1
PKT0587	100	1	1	1	1	1	1	1	1	1
PKT0588	100	1	1	1	1	1	1	1	1	1
PKT0589	100	1	1	1	1	1	1	1	1	1
PKT0590	100	1	1	1	1	1	1	1	1	1
PKT0591	100	1	1	1	1	1	1	1	1	1
PKT0592	1	100	1	1	1	1	1	1	1	1
PKT0593	100	1	1	1	1	1	1	1	1	1
PKT0594	100	1	1	1	1	1	1	1	1	1
PKT0595	100	1	1	1	1	1	1	1	1	1
PKT0596	100	1	1	1	1	1	1	1	1	1
PKT0597	100	1	1	1	1	1	1	1	1	1
PKT0598	100	1	1	1	1	1	1	1	1	1
PKT0599	100	1	1	1	1	1	1	1	1	1
PKT0600	100	1	1	1	1	1	1	1	1	1
PKT0601	100	1	1	1	1	1	1	1	1	1
PKT0602	100	1	1	1	1	1	1	1	1	1
PKT0603	100	1	1	1	1	1	1	1	1	1
PKT0604	100	1	1	1	1	1	1	1	1	1
PKT0605	1	100	1	1	1	1	1	1	1	1
PKT0606	1	100	1	1	1	1	1	1	1	1
PKT0607	100	1	1	1	1	1	1	1	1	1
PKT0608	100	1	1	1	1	1	1	1	1	1
PKT0609	100	1	1	1	1	1	1	1	1	1
PKT0610	100	1	1	1	1	1	1	1	1	1
PKT0611	100	1	1	1	1	1	1	1	1	1
PKT0612	1	1	1	1	1	1	1	1	1	1
PKT0613	1	1	1	1	1	1	1	1	1	1
PKT0614	1	1	1	1	1	1	1	1	1	1
PKT0615	1	1	1	1	1	1	1	1	1	1
PKT0616	1	1	1	1	1	1	1	1	1	1
PKT0617	1	1	1	1	1	1	1	1	1	1
PKT0618	1	1	1	1	1	1	1	1	1	1
PKT0619	1	1	1	1	1	1	1	1	1	1
PKT0620	1	1	1	1	1	1	1	1	1	1
PKT0621	1	1	1	1	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-pct. %	Mg-pct. %	Ca-pct. %	Ti-pct. %	Mn-ppm S	Ag-ppm S	B- $\mu$ m S	Ba- $\mu$ m S	Be-ppm S
PKTU622	31 7 15	111 9 58	3.0	1.50	.15	.30	>5,000	<.5	>2,000	1,500	3.0
PKTU623	31 7 15	111 9 58	4.0	.10	.15	.07	700	N	500	200	1.5
PKTU624	31 7 16	111 9 59	1.5	.07	.15	.03	1,500	N	300	150	3.0
PKTU625	31 7 17	111 9 59	3.0	.30	.15	.07	2,000	N	300	300	2.0
PKTU626	31 7 18	111 9 59	2.0	.15	.15	.07	2,000	N	300	300	2.0
PKTU627	31 7 18	111 10 0	3.0	.15	.15	.07	2,000	<.5	500	500	1.5
PKTU628	31 7 19	111 10 0	2.0	.20	.15	.07	5,000	N	500	700	1.5
PKTU629	31 7 20	111 10 0	2.0	.20	.15	.07	2,000	N	500	300	2.0
PKTU630	31 7 20	111 10 1	2.0	.30	.15	.07	3,000	N	700	500	1.5
PKTU634	31 7 6	111 10 5	2.0	.20	.15	.15	>5,000	N	300	300	1.0
PKTU635	31 7 5	111 10 5	2.0	.30	.15	.15	5,000	<.5	300	700	1.0
PKTU636	31 7 5	111 10 6	1.5	.20	.15	.07	5,000	N	500	500	1.0
PKTU637	31 7 4	111 10 6	3.0	.50	.20	.15	>5,000	<.5	700	700	1.5
PKTU638	31 7 5	111 10 2	3.0	.50	.30	.15	5,000	N	1,000	700	1.0
PKTU639	31 7 6	111 10 2	3.0	.70	.10	.10	700	N	1,500	700	1.5
PKTU640	31 7 7	111 10 2	3.0	.70	.15	.15	150	<.5	1,500	700	1.0
PKTU641	31 7 7	111 10 1	5.0	.70	.15	.20	1,500	N	1,500	1,000	1.5
PKTU642	31 7 8	111 10 2	3.0	.70	.15	.10	1,500	N	1,500	1,000	1.0
PKTU643	31 7 9	111 10 2	1.5	.50	.30	.07	>5,000	N	1,000	700	1.0
PKTU644	31 7 10	111 10 2	1.5	.70	.20	.15	>5,000	N	700	700	1.0
PKTU645	31 7 10	111 10 2	3.0	.70	.15	.20	>5,000	N	1,500	700	1.5
PKTU647	31 7 11	111 10 2	1.5	.70	.15	.30	>5,000	N	1,500	500	1.0
PKTU648	31 7 11	111 10 1	1.5	.70	.15	.20	3,000	N	2,000	700	1.0
PKTU649	31 7 11	111 10 0	2.0	.70	.15	.30	3,000	N	1,500	700	1.5
PKTU650	31 7 11	111 9 59	3.0	.15	.15	.15	500	N	300	500	1.5
PKTU651	31 7 14	111 9 58	1.5	.10	.10	.10	300	N	300	500	1.0
PKTU652	31 7 14	111 9 59	1.5	.07	.15	.07	1,500	N	300	500	1.5
PKTU653	31 7 14	111 10 0	2.0	.10	.20	.10	1,500	N	300	500	1.5
PKTU654	31 7 14	111 10 1	2.0	.15	.15	.15	700	N	500	500	1.5
PKTU655	31 7 16	111 10 3	2.0	.15	.15	.10	1,500	N	300	500	2.0
PKTU656	31 7 16	111 10 3	2.0	.20	.15	.15	2,000	N	500	700	1.5
PKTU657	31 7 15	111 10 4	3.0	.30	.20	.15	3,000	N	700	700	5.0
PKTU658	31 7 15	111 10 5	2.0	.15	.20	.15	1,500	N	700	500	1.5
PKTU659	31 7 15	111 10 6	3.0	.30	.15	.20	300	N	700	700	<1.0
PKTU660	31 7 15	111 10 7	1.5	.30	.07	.10	300	N	500	700	<1.0
PKTU661	31 7 14	111 10 8	2.0	.50	.15	.30	300	N	1,500	1,000	<1.0
PKTU662	31 7 14	111 10 9	3.0	.70	.07	.20	300	N	1,500	700	1.0
PKTU663	31 7 14	111 10 9	3.0	.70	.10	.30	>5,000	N	>2,000	1,000	1.5
PKTU664	31 7 14	111 10 10	1.5	.70	.20	.30	>5,000	<.5	>2,000	1,000	1.5
PKTU665	31 7 13	111 10 10	3.0	1.00	.15	.70	>5,000	5.0	1,500	1,500	1.0
PKTU666	31 7 12	111 10 10	3.0	1.00	.30	.70	>5,000	5.0	2,000	1,500	1.5
PKTU667	31 7 11	111 10 10	3.0	1.50	.15	.70	>5,000	7.0	>2,000	1,000	1.0
PKTU668	31 7 12	111 10 9	3.0	1.50	.15	1.00	>5,000	7.0	>2,000	1,500	1.5
PKTU669	31 7 12	111 10 8	3.0	1.50	.15	.70	>5,000	<.5	1,500	1,000	1.5
PKTU670	31 7 12	111 10 7	1.5	.70	.15	.30	300	N	1,500	1,000	3.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Ito Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Al-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	VO-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT-022	<10	10	<10	70	30	<5	<5	70	<5	N	N
PKT-023	N	15	<10	50	30	N	<5	15	N	N	N
PKT-024	N	7	<10	30	30	N	N	<10	<5	N	N
PKT-025	N	10	<10	70	30	<5	5	30	<5	N	N
PKT-026	N	5	<10	50	50	<5	5	30	N	N	N
PKT-027	N	7	<10	50	50	N	5	20	<5	<10	N
PKT-028	N	15	<10	50	50	<5	5	20	<5	<10	N
PKT-029	N	15	<10	30	30	N	5	10	<5	N	N
PKT-030	N	10	<10	70	30	<5	5	15	<5	<10	N
PKT-034	N	7	<10	30	30	<5	7	<10	<5	N	N
PKT-035	N	10	<10	50	30	<5	7	20	<5	N	N
PKT-036	N	<5	<10	30	20	<5	5	15	<5	N	N
PKT-037	<10	5	<10	70	30	<5	7	50	<5	<10	N
PKT-038	N	7	<10	100	20	<5	<5	15	<5	N	N
PKT-039	N	15	<10	100	20	<5	N	10	<5	<10	N
PKT-040	N	<5	<10	70	20	20	<5	70	<5	<10	N
PKT-041	N	<5	<10	50	<0	<5	7	30	<5	N	N
PKT-042	N	<5	<10	30	20	5	5	30	<5	N	N
PKT-043	N	5	N	20	30	N	5	<10	<5	N	N
PKT-044	N	15	N	30	30	N	5	N	<5	N	N
PKT-045	N	10	<10	20	30	5	7	10	<5	N	N
PKT-047	N	5	<10	70	20	N	<5	15	<5	N	N
PKT-048	N	5	<10	20	20	<5	<5	<10	<5	N	N
PKT-049	N	5	<10	50	50	<5	5	20	<5	N	N
PKT-050	N	7	<10	50	30	<5	5	30	<5	N	N
PKT-051	N	5	<10	15	30	N	5	20	<5	N	100
PKT-052	N	5	<10	15	20	N	7	15	<5	N	N
PKT-053	N	7	<10	30	50	N	7	20	<5	N	N
PKT-054	N	7	<10	<0	30	<5	5	15	<5	N	N
PKT-055	N	15	<10	70	30	<5	5	15	<5	N	N
PKT-056	N	15	<10	70	50	<5	5	20	<5	<10	100
PKT-057	N	7	<10	70	50	<5	7	30	<5	N	<100
PKT-058	N	5	<10	30	50	<5	<5	10	<5	N	N
PKT-059	N	<5	<10	30	50	5	5	30	<5	<10	N
PKT-060	N	N	<10	30	30	<5	<5	20	<5	N	N
PKT-061	N	<5	<10	30	30	<5	<5	30	<5	N	N
PKT-062	N	N	<10	30	30	7	N	10	<5	N	N
PKT-063	N	10	N	200	50	<5	<5	20	<5	N	N
PKT-064	N	15	N	500	30	<5	<5	20	<5	N	N
PKT-065	N	7	<10	150	20	<5	7	50	<5	N	N
PKT-066	N	5	N	300	30	5	5	30	5	N	N
PKT-067	<10	15	N	700	20	5	5	70	<5	<10	N
PKT-068	10	15	<10	700	30	<5	<5	200	<5	<10	N
PKT-069	<10	7	N	500	30	<5	<5	70	N	N	N
PKT-070	N	N	N	20	30	<5	<5	30	<5	N	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-U.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Fe-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	Fe	ss	Tbr	si	Ry	Gr
PKTu022	10	15	N	150	1	1	100	1	1	1
PKTu023	10	15	N	70	1	1	100	1	1	1
PKTu024	<10	10	N	70	100	1	1	1	1	1
PKTu025	15	15	N	70	100	1	1	1	1	1
PKTu026	20	15	N	50	100	1	1	1	1	1
PKTu027	30	20	N	50	100	1	1	1	1	1
PKTu028	20	20	N	50	100	1	1	1	1	1
PKTu029	15	15	N	70	100	1	1	1	1	1
PKTu030	30	15	N	70	100	1	1	1	1	1
PKTu034	30	10	N	70	1	1	1	1	1	100
PKTu035	30	10	N	70	1	1	1	1	1	100
PKTu036	15	10	N	50	1	1	1	1	1	100
PKTu037	30	15	N	70	1	1	1	1	1	100
PKTu038	20	10	N	50	1	1	1	1	1	100
PKTu039	20	10	N	50	1	100	1	1	1	1
PKTu040	15	10	N	70	1	100	1	1	1	1
PKTu041	30	10	N	70	1	100	1	1	1	1
PKTu042	15	10	N	70	1	100	1	1	1	1
PKTu043	15	<10	N	50	1	100	1	1	1	1
PKTu044	20	<10	N	50	100	1	1	1	1	1
PKTu045	30	10	N	70	100	1	1	1	1	1
PKTu047	20	10	N	70	1	100	1	1	1	1
PKTu048	15	10	N	70	1	100	1	1	1	1
PKTu049	30	10	N	70	1	100	1	1	1	1
PKTu050	50	15	N	70	100	1	1	1	1	1
PKTu051	20	10	N	70	100	1	1	1	1	1
PKTu052	15	10	N	70	10	1	1	1	1	1
PKTu053	20	10	N	70	100	1	1	1	1	1
PKTu054	20	15	N	70	100	1	1	1	1	1
PKTu055	20	15	N	50	100	1	1	1	1	1
PKTu056	15	15	N	50	100	1	1	1	1	1
PKTu057	30	20	N	100	100	1	1	1	1	1
PKTu058	15	15	N	70	100	1	1	1	1	1
PKTu059	30	15	N	70	100	1	1	1	1	1
PKTu060	<10	10	N	70	100	1	1	1	1	1
PKTu061	15	15	N	70	100	1	1	1	1	1
PKTu062	<10	15	N	70	1	1	1	1	1	1
PKTu063	15	15	N	70	1	1	1	1	1	1
PKTu064	15	10	N	50	1	1	1	1	1	100
PKTu065	30	15	N	100	1	1	1	1	1	100
PKTu066	30	15	N	70	1	1	1	1	1	100
PKTu067	30	10	<200	70	1	1	1	1	1	100
PKTu068	30	15	200	70	1	1	1	1	1	100
PKTu069	30	10	N	50	1	1	1	1	1	100
PKTu070	10	10	N	70	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	u	gr	ft	ak	qm	fb	sp	Ser	My	d
PKT0622	1	1	1	1	1	1	1	1	1	1
PKT0623	1	1	1	1	1	1	1	1	1	1
PKT0624	1	1	1	1	1	1	1	1	1	1
PKT0625	1	1	1	1	1	1	1	1	1	1
PKT0626	1	1	1	1	1	1	1	1	1	1
PKT0627	1	1	1	1	1	1	1	1	1	1
PKT0628	1	1	1	1	1	1	1	1	1	1
PKT0629	1	1	1	1	1	1	1	1	1	1
PKT0630	1	1	1	1	1	1	1	1	1	1
PKT0634	1	1	1	1	1	1	1	1	1	1
PKT0635	1	1	1	1	1	1	1	1	1	1
PKT0636	100	1	1	1	1	1	1	1	1	1
PKT0637	1	1	1	1	1	1	1	1	1	1
PKT0638	1	1	1	1	1	1	1	1	1	1
PKT0639	1	1	1	1	1	1	1	1	1	1
PKT0640	1	1	1	1	1	1	1	1	1	1
PKT0641	1	1	1	1	1	1	1	1	1	1
PKT0642	1	1	1	1	1	1	1	1	1	1
PKT0643	1	1	1	1	1	1	1	1	1	1
PKT0644	1	1	1	1	1	1	1	1	1	1
PKT0645	1	1	1	1	1	1	1	1	1	1
PKT0647	1	1	1	1	1	1	1	1	1	1
PKT0648	1	1	1	1	1	1	1	1	1	1
PKT0649	1	1	1	1	1	1	1	1	1	1
PKT0650	1	1	1	1	1	1	1	1	1	1
PKT0651	1	1	1	1	1	1	1	1	1	1
PKT0652	1	1	1	1	1	1	1	1	1	1
PKT0653	1	1	1	1	1	1	1	1	1	1
PKT0654	1	1	1	1	1	1	1	1	1	1
PKT0655	1	1	1	1	1	1	1	1	1	1
PKT0656	1	1	1	1	1	1	1	1	1	1
PKT0657	1	1	1	1	1	1	1	1	1	1
PKT0658	1	1	1	1	1	1	1	1	1	1
PKT0659	1	1	1	1	1	1	1	1	1	1
PKT0660	1	1	1	1	1	1	1	1	1	1
PKT0661	1	1	1	1	1	1	1	1	1	1
PKT0662	1	100	1	1	1	1	1	1	1	1
PKT0663	1	1	1	1	1	1	1	1	1	1
PKT0664	1	1	1	1	1	1	1	1	1	1
PKT0665	1	1	1	1	1	1	1	1	1	1
PKT0666	1	1	1	1	1	1	1	1	1	1
PKT0667	1	1	1	1	1	1	1	1	1	1
PKT0668	1	1	1	1	1	1	1	1	1	1
PKT0669	1	1	1	1	1	1	1	1	1	1
PKT0670	1	100	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.-S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppm s	Mg-ppm s	Ca-ppm s	Ti-ppm s	Mn-ppm s	Ag-ppm s	B-ppm s	Ba-ppm s	Be-ppm s
PKT0671	31 7 12	111 10 6	1.5	.70	.15	.20	300	N	700	700	1.0
PKT0672	31 7 13	111 10 5	2.0	.70	.15	.30	300	N	1,500	700	1.0
PKT0673	31 7 13	111 10 4	3.0	.15	.30	.20	300	N	300	700	1.5
PKT0674	31 7 13	111 10 4	3.0	.15	.20	.20	300	N	500	700	1.5
PKT0675	31 7 11	111 10 4	3.0	.10	.30	.15	300	N	300	500	2.0
PKT0676	31 7 10	111 10 5	3.0	.10	.30	.15	300	N	500	500	1.5
PKT0677	31 7 10	111 10 6	3.0	.10	.15	.15	300	N	300	500	1.5
PKT0678	31 7 10	111 10 7	3.0	.07	.15	.15	300	N	300	300	1.5
PKT0679	31 7 9	111 10 8	3.0	.15	.20	.20	300	N	500	500	1.5
PKT0680	31 7 9	111 10 3	3.0	.10	.20	.15	300	<.5	300	300	1.5
PKT0681	31 7 9	111 10 9	3.0	.10	.15	.10	200	.5	300	300	1.0
PKT0682	31 7 9	111 10 10	3.0	.07	.15	.15	300	.5	300	300	1.0
PKT0683	31 7 9	111 10 11	2.0	.07	.15	.07	200	N	200	200	1.0
PKT0684	31 7 10	111 10 11	3.0	.07	.20	.07	200	N	300	200	1.0
PKT0685	31 7 11	111 10 11	3.0	.07	.20	.10	200	.7	500	300	1.5
PKT0686	31 7 11	111 10 11	3.0	.07	.30	.10	300	.7	300	300	1.0
PKT0687	31 7 12	111 10 11	3.0	.07	.30	.15	500	1.0	500	500	1.0
PKT0688	31 7 13	111 10 11	3.0	.10	.20	.15	500	1.5	500	500	1.5
PKT0689	31 7 14	111 10 11	3.0	.07	.20	.10	300	<.5	500	500	1.0
PKT0690	31 7 14	111 10 11	5.0	.15	.15	.15	300	.7	1,000	700	2.0
PKT0691	31 7 15	111 10 11	3.0	.10	.15	.10	500	.7	700	700	2.0
PKT0692	31 7 16	111 10 11	2.0	.10	.20	.10	700	<.5	300	500	1.5
PKT0693	31 7 17	111 10 11	2.0	.07	.30	.07	500	<.5	300	700	2.0
PKT0694	31 7 17	111 10 12	3.0	.10	.15	.10	500	.5	700	500	2.0
PKT0695	31 7 18	111 10 12	3.0	.10	.15	.10	700	<.5	300	300	2.0
PKT0696	31 7 18	111 10 13	2.0	.07	.15	.10	700	<.5	300	500	1.5
PKT0697	31 7 19	111 10 13	3.0	.15	.15	.15	700	<.5	700	300	2.0
PKT0698	31 7 20	111 10 14	3.0	.07	.15	.10	500	N	150	500	2.0
PKT0699	31 7 20	111 10 15	2.0	.10	.15	.15	1,500	<.5	150	700	2.0
PKT0700	31 7 18	111 10 11	3.0	.10	.15	.07	700	<.5	200	500	3.0
PKT0701	31 7 18	111 10 10	3.0	.07	.15	.07	200	<.5	300	300	2.0
PKT0702	31 7 18	111 10 9	3.0	.07	.15	.07	300	<.5	300	300	1.5
PKT0703	31 7 18	111 10 8	2.0	.07	.15	.07	150	N	300	300	1.5
PKT0704	31 7 18	111 10 8	2.0	.07	.20	.10	150	N	200	300	1.5
PKT0705	31 7 18	111 10 7	2.0	.07	.15	.10	300	<.5	200	300	2.0
PKT0706	31 7 18	111 10 6	1.5	.07	.15	.07	300	N	200	300	1.5
PKT0707	31 7 19	111 10 5	2.0	.07	.20	.07	700	<.5	200	300	2.0
PKT0708	31 7 19	111 10 4	1.5	.07	.15	.07	1,000	<.5	300	300	2.0
PKT0709	31 7 19	111 10 3	2.0	.15	.15	.07	700	<.5	300	500	2.0
PKT0710	31 7 20	111 10 3	1.5	.07	.10	.03	500	N	150	150	3.0
PKT0711	31 7 21	111 10 2	2.0	.15	.15	.07	1,500	<.5	200	500	3.0
PKT0712	31 7 21	111 10 1	2.0	.15	.10	.07	1,500	<.5	200	500	2.0
PKT0713	31 7 23	111 10 4	1.5	.10	.10	.05	1,000	<.5	300	300	3.0
PKT0714	31 7 23	111 10 5	2.0	.10	.15	.07	1,500	N	200	300	3.0
PKT0715	31 7 23	111 10 6	2.0	.15	.20	.07	1,000	<.5	200	500	2.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	As-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PKT0671	N	N	6	15	20	<5	N	30	<5	N	N
PKT0672	N	N	<10	15	30	<5	<5	15	<5	N	N
PKT0673	<10	5	<10	30	50	<5	7	30	<5	N	150
PKT0674	<10	<5	10	70	50	<5	5	30	<5	N	200
PKT0675	<10	7	<10	100	50	<5	5	30	<5	<10	150
PKT0676	<10	5	<10	100	30	5	<5	70	<5	<10	150
PKT0677	<10	7	<10	100	50	<5	<5	50	<5	<10	100
PKT0678	<10	7	<10	150	50	<5	5	30	<5	<10	<100
PKT0679	<10	10	<10	150	50	<5	5	70	<5	<10	100
PKT0680	<10	5	<10	150	50	<5	7	50	<5	10	<100
PKT0681	<10	<5	<10	70	50	5	5	70	N	<10	<100
PKT0682	<10	<5	10	70	30	<5	7	50	<5	<10	<100
PKT0683	<10	N	<10	15	50	<5	5	30	N	N	N
PKT0684	<10	N	<10	30	50	<5	7	20	<5	15	N
PKT0685	<10	<5	<10	70	30	5	7	50	<5	<10	N
PKT0686	<10	<5	<10	100	50	15	7	50	<5	<10	<100
PKT0687	<10	<5	<10	100	50	10	7	100	<5	10	N
PKT0688	<10	7	<10	150	30	7	7	70	<5	<10	<100
PKT0689	<10	5	<10	100	30	<5	<5	30	<5	N	N
PKT0690	<10	10	<10	500	70	5	<5	50	5	<10	200
PKT0691	<10	7	<10	150	50	10	<5	50	<5	<10	150
PKT0692	<10	10	<10	100	70	<5	7	30	<5	<10	150
PKT0693	<10	5	<10	100	50	<5	5	30	<5	N	100
PKT0694	<10	10	<10	200	70	7	5	100	<5	<10	150
PKT0695	<10	7	<10	70	50	<5	7	30	<5	<10	100
PKT0696	N	5	<10	150	50	<5	5	30	<5	<10	N
PKT0697	N	7	<10	100	50	<5	<5	15	5	<10	N
PKT0698	N	5	<10	70	20	<5	<5	20	<5	N	N
PKT0699	N	7	<10	70	30	<5	5	30	<5	N	N
PKT0700	N	7	<10	100	30	<5	5	20	<5	N	N
PKT0701	N	<5	<10	70	50	7	<5	30	N	<10	N
PKT0702	N	15	<10	150	30	5	<5	30	<5	<10	N
PKT0703	N	<5	<10	30	50	<5	<5	30	<5	<10	N
PKT0704	N	<5	<10	15	30	<5	15	15	N	N	N
PKT0705	N	<5	<10	15	50	<5	5	15	<5	N	N
PKT0706	N	<5	<10	30	50	N	<5	15	<5	N	N
PKT0707	N	7	<10	70	70	N	5	20	<5	N	N
PKT0708	<10	10	<10	150	50	<5	5	20	<5	N	N
PKT0709	<10	15	<10	150	50	<5	<5	30	<5	<10	N
PKT0710	N	<5	<10	50	50	N	N	<10	<5	N	N
PKT0711	<10	20	<10	200	50	<5	5	30	<5	<10	150
PKT0712	<10	20	<10	100	50	<5	<5	150	<5	<10	150
PKT0713	N	10	<10	50	50	N	<5	15	<5	N	N
PKT0714	N	15	<10	100	50	<5	<5	50	<5	N	N
PKT0715	<10	15	<10	70	50	<5	5	70	<5	<10	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	v-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fp	ss	Tor	si	Ry	Gr
PKT0671	10	<10	N	70	1	1	1	1	1	1
PKT0672	15	10	N	70	100	1	1	1	1	1
PKT0673	30	15	N	200	100	1	1	1	1	1
PKT0674	30	30	N	200	100	1	1	1	1	1
PKT0675	30	10	N	150	100	1	1	1	1	1
PKT0676	30	10	N	100	1	1	1	1	1	1
PKT0677	20	10	N	150	1	1	1	1	1	1
PKT0678	30	10	N	100	1	1	1	1	1	100
PKT0679	30	10	N	150	1	1	1	1	1	100
PKT0680	30	10	N	70	1	1	1	1	1	100
PKT0681	20	10	N	100	1	1	1	1	1	1
PKT0682	30	10	N	100	1	1	1	1	1	1
PKT0683	20	<10	N	70	1	1	1	1	1	1
PKT0684	30	<10	N	100	1	100	1	1	1	1
PKT0685	30	10	N	70	1	100	1	1	1	1
PKT0686	30	10	N	100	1	100	1	1	1	1
PKT0687	20	15	N	100	1	1	1	1	1	1
PKT0688	30	15	N	150	1	1	1	1	1	100
PKT0689	20	15	N	150	1	1	1	1	1	100
PKT0690	20	20	N	150	1	1	1	1	1	100
PKT0691	30	20	N	100	1	1	1	1	1	100
PKT0692	30	15	N	150	1	1	1	1	1	100
PKT0693	20	15	N	150	1	1	1	1	1	100
PKT0694	20	15	N	150	1	1	1	1	1	100
PKT0695	30	10	N	150	1	1	1	1	1	100
PKT0696	30	15	N	70	1	1	1	1	1	100
PKT0697	30	20	N	70	1	1	1	1	1	100
PKT0698	30	15	N	70	1	1	1	1	1	100
PKT0699	30	15	N	70	1	1	1	1	1	100
PKT0700	20	15	N	70	1	1	1	1	1	100
PKT0701	15	15	N	70	1	1	1	1	1	1
PKT0702	20	15	N	70	100	1	1	1	1	1
PKT0703	15	15	N	70	100	1	1	1	1	1
PKT0704	20	10	N	70	100	1	1	1	1	1
PKT0705	30	15	N	70	100	1	1	1	1	1
PKT0706	20	10	N	70	100	1	1	1	1	1
PKT0707	20	20	N	70	100	1	1	1	1	1
PKT0708	20	20	N	70	100	1	1	1	1	1
PKT0709	20	30	N	70	100	1	1	1	1	1
PKT0710	10	10	N	50	100	1	1	1	1	1
PKT0711	20	20	N	70	100	1	1	1	1	1
PKT0712	20	15	N	70	100	1	1	1	1	1
PKT0713	15	15	N	70	100	1	1	1	1	1
PKT0714	15	15	N	70	100	1	1	1	1	1
PKT0715	30	15	N	70	100	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	s	or	ff	Ak	um	Fb	Op	Ser	My	d
PKTu671	1	1	100	1	1	1	1	1	1	1
PKTu672	1	1		1	1	1	1	1	1	1
PKTu673	1	1	1	1	1	1	1	1	1	1
PKTu674	1	1	1	1	1	1	1	1	1	1
PKTu675	1	1	1	1	1	1	1	1	1	1
PKTu676	1	1	100	1	1	1	1	1	1	1
PKTu677	1	1	100	1	1	1	1	1	1	1
PKTu678	1	1	1	1	1	1	1	1	1	1
PKTu679	1	1	1	1	1	1	1	1	1	1
PKTu680	1	1	1	1	1	1	1	1	1	1
PKTu681	100	1	1	1	1	1	1	1	1	1
PKTu682	100	1	1	1	1	1	1	1	1	1
PKTu683	100	1	1	1	1	1	1	1	1	1
PKTu684	1	1	1	1	1	1	1	1	1	1
PKTu685	1	1	1	1	1	1	1	1	1	1
PKTu686	1	1	1	1	1	1	1	1	1	1
PKTu687	100	1	1	1	1	1	1	1	1	1
PKTu688	1	1	1	1	1	1	1	1	1	1
PKTu689	1	1	1	1	1	1	1	1	1	1
PKTu690	1	1	1	1	1	1	1	1	1	1
PKTu691	1	1	1	1	1	1	1	1	1	1
PKTu692	1	1	1	1	1	1	1	1	1	1
PKTu693	1	1	1	1	1	1	1	1	1	1
PKTu694	1	1	1	1	1	1	1	1	1	1
PKTu695	1	1	1	1	1	1	1	1	1	1
PKTu696	1	1	1	1	1	1	1	1	1	1
PKTu697	1	1	1	1	1	1	1	1	1	1
PKTu698	1	1	1	1	1	1	1	1	1	1
PKTu699	1	1	1	1	1	1	1	1	1	1
PKTu700	1	1	1	1	1	1	1	1	1	1
PKTu701	1	1	100	1	1	1	1	1	1	1
PKTu702	1	1	1	1	1	1	1	1	1	1
PKTu703	1	1	1	1	1	1	1	1	1	1
PKTu704	1	1	1	1	1	1	1	1	1	1
PKTu705	1	1	1	1	1	1	1	1	1	1
PKTu706	1	1	1	1	1	1	1	1	1	1
PKTu707	1	1	1	1	1	1	1	1	1	1
PKTu708	1	1	1	1	1	1	1	1	1	1
PKTu709	1	1	1	1	1	1	1	1	1	1
PKTu710	1	1	1	1	1	1	1	1	1	1
PKTu711	1	1	1	1	1	1	1	1	1	1
PKTu712	1	1	1	1	1	1	1	1	1	1
PKTu713	1	1	1	1	1	1	1	1	1	1
PKTu714	1	1	1	1	1	1	1	1	1	1
PKTu715	1	1	1	1	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.-S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-ppt. S	Mn-ppm S	Ag-ppm S	B-ppm S	Ba-ppm S	de-ppm S
PKT0716	31 7 22	111 10 6	1.5	.15	.15	.07	1,000	<.5	200	300	1.5
PKT0717	31 7 21	111 10 7	1.5	.07	.10	.07	150	<.5	300	150	1.5
PKT0718	31 7 21	111 10 8	2.0	.15	.15	.15	1,500	<.5	200	500	1.5
PKT0719	31 7 20	111 10 8	2.0	.07	.50	.15	700	N	300	500	2.0
PKT0720	31 7 20	111 10 9	3.0	.10	.20	.15	1,000	N	300	500	3.0
PKT0721	31 7 19	111 10 10	2.0	.10	.50	.07	500	N	300	300	2.0
PKT0722	31 7 19	111 10 10	3.0	.10	.15	.10	300	N	200	300	3.0
PKT0723	31 7 20	111 10 13	3.0	.10	.10	.10	1,000	<.5	500	300	3.0
PKT0724	31 7 20	111 10 12	3.0	.15	.20	.15	1,000	<.5	300	700	2.0
PKT0725	31 7 21	111 10 12	3.0	.07	.10	.07	300	<.5	300	700	2.0
PKT0726	31 7 22	111 10 11	3.0	.10	.15	.15	700	N	300	500	1.5
PKT0727	31 7 22	111 10 11	3.0	.15	.15	.10	700	.7	300	300	3.0
PKT0728	31 7 23	111 10 11	2.0	.15	.15	.10	700	.5	300	300	2.0
PKT0729	31 7 24	111 10 10	2.0	.10	.15	.10	1,000	N	300	300	2.0
PKT0730	31 7 24	111 10 10	1.5	.07	.15	.07	700	N	200	300	2.0
PKT0731	31 7 25	111 10 10	3.0	.30	.15	.15	2,000	<.5	200	300	3.0
PKT0732	31 7 25	111 10 9	3.0	.30	.15	.10	1,000	<.5	300	500	3.0
PKT0733	31 7 26	111 10 9	2.0	.15	.20	.07	1,500	<.5	300	700	3.0
PKT0734	31 7 27	111 10 8	1.5	.15	.20	.10	1,500	N	300	300	5.0
PKT0735	31 7 28	111 10 12	1.5	.10	.15	.07	1,500	N	300	500	3.0
PKT0736	31 7 28	111 10 13	2.0	.10	.15	.05	2,000	<.5	300	300	5.0
PKT0737	31 7 27	111 10 14	3.0	.15	.15	.07	2,000	<.5	300	500	2.0
PKT0738	31 7 26	111 10 14	2.0	.10	.30	.07	3,000	N	200	500	1.5
PKT0739	31 7 26	111 10 15	1.5	.15	.15	.07	1,500	N	200	300	3.0
PKT0740	31 7 25	111 10 15	2.0	.20	.15	.10	2,000	N	300	500	3.0
PKT0741	31 7 24	111 10 16	3.0	.15	.20	.07	3,000	<.5	300	700	2.0
PKT0742	31 7 24	111 10 16	3.0	.15	.15	.20	3,000	N	200	700	1.5
PKT0743	31 7 9	111 9 47	2.0	.15	.15	.30	300	N	500	700	1.0
PKT0744	31 7 6	111 9 43	1.5	.15	.15	.30	700	N	300	500	1.5
PKT0745	31 7 7	111 9 48	3.0	.20	.15	.50	500	<.5	700	1,000	1.5
PKT0746	31 7 7	111 9 49	2.0	.15	.15	.10	300	N	300	700	3.0
PKT0747	31 7 6	111 9 49	3.0	.15	.70	.50	3,000	<.5	300	700	3.0
PKT0748	31 7 5	111 9 50	3.0	.15	.15	.30	3,000	<.5	300	700	2.0
PKT0749	31 7 5	111 9 51	3.0	.30	.15	.30	3,000	.5	300	700	3.0
PKT0750	31 7 4	111 9 51	3.0	.20	.20	.30	3,000	<.5	300	700	2.0
PKT0751	31 7 4	111 9 52	2.0	.20	.20	.20	3,000	<.5	300	700	2.0
PKT0752	31 7 4	111 9 53	2.0	.15	.20	.20	2,000	N	300	500	1.5
PKT0753	31 7 3	111 9 54	2.0	.20	.15	.20	3,000	<.5	300	500	2.0
PKT0754	31 7 3	111 9 54	2.0	.20	.30	.30	1,500	<.5	300	700	1.5
PKT0755	31 7 3	111 9 55	3.0	.20	.15	.30	1,500	<.5	700	500	2.0
PKT0756	31 7 2	111 9 53	2.0	.15	.20	.20	1,500	<.5	300	300	3.0
PKT0757	31 7 2	111 9 53	1.5	.15	.15	.10	2,000	N	300	500	2.0
PKT0758	31 7 1	111 9 52	2.0	.20	.20	.20	3,000	<.5	300	700	1.5
PKT0759	31 7 1	111 9 51	1.5	.15	.15	.10	1,500	N	300	300	2.0
PKT0760	31 7 1	111 9 51	2.0	.15	.15	.15	1,500	N	500	700	1.5

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

sample	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	NiO-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Str-ppm s
PKTU716	<10	10	<10	50	30	<5	<5	30	<5	N	N
PKTU717	N	N	N	30	20	N	<5	N	N	N	N
PKTU718	<10	7	<10	50	30	<5	7	30	<5	N	N
PKTU719	N	<5	<10	30	30	<5	5	30	<5	N	150
PKTU720	N	5	<10	50	50	N	5	20	<5	N	100
PKTU721	<10	<5	<10	50	30	<5	<5	30	<5	N	150
PKTU722	N	5	<10	30	50	<5	<5	15	<5	N	<100
PKTU723	N	7	<10	150	50	5	<5	50	<5	<10	<100
PKTU724	<10	10	<10	150	50	5	5	50	5	<10	200
PKTU725	N	5	<10	70	50	<5	<5	15	<5	<10	100
PKTU726	<10	5	<10	50	50	<5	5	30	<5	N	<100
PKTU727	<10	7	<10	150	50	<5	<5	20	<5	<10	100
PKTU728	<10	5	<10	150	70	<5	<5	30	<5	<10	100
PKTU729	N	<5	<10	50	50	<5	5	10	<5	N	100
PKTU730	N	<5	N	20	50	<5	<5	<10	5	N	<100
PKTU731	<10	7	<10	70	50	<5	7	30	5	N	100
PKTU732	N	10	<10	50	50	<5	5	20	5	<10	150
PKTU733	N	7	<10	70	50	<5	<5	20	<5	<10	100
PKTU734	N	7	<10	50	50	<5	<5	20	<5	N	<100
PKTU735	N	7	<10	70	50	<5	5	20	<5	N	<100
PKTU736	N	7	<10	70	50	<5	<5	30	<5	N	<100
PKTU737	N	10	<10	70	50	<5	<5	70	<5	N	<100
PKTU738	N	5	<10	30	50	<5	<5	50	<5	N	100
PKTU739	N	15	<10	30	30	N	<5	<10	<5	N	<100
PKTU740	N	7	<10	50	50	<5	5	20	<5	N	<100
PKTU741	N	5	<10	30	50	<5	5	20	<5	N	100
PKTU742	N	5	<10	30	30	N	<5	20	<5	N	N
PKTU743	N	7	<10	30	30	<5	5	20	<5	N	<100
PKTU744	N	7	<10	20	30	<5	5	15	<5	N	N
PKTU745	<10	10	<10	30	30	5	7	50	5	<10	150
PKTU746	N	7	<10	50	50	<5	<5	50	<5	N	100
PKTU747	<10	10	<10	70	50	<5	5	50	<5	N	100
PKTU748	<10	15	<10	150	30	<5	7	20	<5	N	100
PKTU749	<10	20	<10	200	50	<5	5	30	<5	N	150
PKTU750	<10	10	<10	70	70	5	7	30	<5	N	100
PKTU751	<10	15	<10	50	50	5	5	30	<5	N	100
PKTU752	N	15	<10	30	50	<5	5	10	<5	N	<100
PKTU753	N	15	<10	30	70	<5	7	50	<5	<10	<100
PKTU754	N	15	<10	30	50	<5	7	50	5	<10	<100
PKTU755	<10	7	<10	50	50	<5	<5	30	<5	<10	<100
PKTU756	N	15	<10	30	50	<5	<5	15	<5	N	<100
PKTU757	N	15	<10	70	50	<5	<5	15	<5	N	<100
PKTU758	<10	20	<10	100	50	<5	5	50	<5	N	100
PKTU759	<10	15	<10	70	50	<5	<5	10	<5	N	<100
PKTU760	<10	15	<10	70	50	<5	<5	30	<5	<10	<100

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--Continued

Sample	V-ppm S	Y-ppm S	Zn-ppm S	Fe-ppm S	ss	Tbr	st	Ry	Gr
PKT0710	15	20	N	100	1	1	1	1	1
PKT0717	10	15	N	100	1	1	1	1	1
PKT0718	20	20	N	100	1	1	1	1	1
PKT0719	30	15	N	100	1	1	1	1	1
PKT0720	30	15	N	100	1	1	1	1	1
PKT0721	20	10	N	100	1	1	1	1	1
PKT0722	30	15	N	100	1	1	1	1	1
PKT0723	30	15	N	100	1	1	1	1	100
PKT0724	30	20	N	150	1	1	1	1	100
PKT0725	20	20	N	70	1	1	1	1	1
PKT0726	30	15	N	150	1	1	1	1	1
PKT0727	20	20	N	150	1	1	1	1	1
PKT0728	30	20	N	100	1	1	1	1	1
PKT0729	20	20	N	100	1	1	1	1	1
PKT0730	30	15	N	70	1	1	1	1	1
PKT0731	30	20	N	100	1	1	1	1	1
PKT0732	30	20	N	100	1	1	1	1	1
PKT0733	20	15	N	100	1	1	1	100	1
PKT0734	20	15	N	70	1	1	1	1	1
PKT0735	20	20	N	100	1	1	1	1	1
PKT0736	20	15	N	100	1	1	1	1	1
PKT0737	20	15	N	50	1	1	1	1	1
PKT0738	15	15	N	70	1	1	1	1	1
PKT0739	30	10	N	70	1	1	1	1	1
PKT0740	20	15	N	70	1	1	1	1	1
PKT0741	20	15	N	70	1	1	1	1	100
PKT0742	30	15	N	100	1	1	1	1	100
PKT0743	30	15	N	100	1	1	1	1	1
PKT0744	30	15	N	100	1	1	1	1	1
PKT0745	30	20	N	100	1	1	1	1	1
PKT0746	10	15	N	70	1	1	100	1	1
PKT0747	30	15	N	70	100	1	1	1	1
PKT0748	30	15	N	100	100	1	1	1	1
PKT0749	50	20	N	100	1	1	1	1	1
PKT0750	30	20	N	100	1	1	1	1	1
PKT0751	20	15	N	70	1	1	1	1	1
PKT0752	20	15	N	70	1	1	1	1	1
PKT0753	30	20	N	150	1	1	1	1	1
PKT0754	30	20	N	70	1	1	1	1	1
PKT0755	20	15	N	100	1	1	1	1	1
PKT0756	15	20	N	70	1	1	1	1	1
PKT0757	15	20	N	70	1	1	1	1	1
PKT0758	15	30	N	70	1	1	1	1	1
PKT0759	15	15	N	70	1	1	1	1	1
PKT0760	15	15	N	100	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	u	ur	ft	Ak	Qm	Fo	Qp	Ser	My	d
PKU716	1	1	1	1	1	1	1	1	1	1
PKU717	1	1	1	1	1	1	1	1	1	1
PKU718	1	1	1	1	1	1	1	1	1	1
PKU719	1	1	1	1	1	1	1	1	1	1
PKU720	1	1	1	1	1	1	1	1	1	1
PKU721	1	1	1	1	1	1	1	1	1	1
PKU722	1	1	1	1	1	1	1	1	1	1
PKU723	1	1	1	1	1	1	1	1	1	1
PKU724	1	1	1	1	1	1	1	1	1	1
PKU725	1	1	1	1	1	1	1	1	1	1
PKU726	1	1	1	1	1	1	1	1	1	1
PKU727	1	1	1	1	1	1	1	1	1	1
PKU728	1	1	1	1	1	1	1	1	1	1
PKU729	1	1	1	1	1	1	1	1	1	1
PKU730	1	1	1	1	1	1	1	1	1	1
PKU731	1	1	1	1	1	1	1	1	1	1
PKU732	1	1	1	1	1	1	1	1	1	1
PKU733	1	1	1	1	1	1	1	1	1	1
PKU734	1	1	1	1	1	1	1	1	1	1
PKU735	1	1	1	1	1	1	1	1	1	1
PKU736	1	1	1	1	1	1	1	1	1	1
PKU737	1	1	1	1	1	1	1	1	1	1
PKU738	1	1	1	1	1	1	1	1	1	1
PKU739	1	100	1	1	1	1	1	1	1	1
PKU740	1	100	1	1	1	1	1	1	1	1
PKU741	1	1	1	1	1	1	1	1	1	1
PKU742	1	1	1	1	1	1	1	1	1	1
PKU743	1	1	1	1	1	1	1	1	1	1
PKU744	1	1	1	1	1	1	1	1	1	1
PKU745	1	1	1	1	1	1	1	1	1	1
PKU746	1	1	1	1	1	1	1	1	1	1
PKU747	1	1	1	1	1	1	1	1	1	1
PKU748	1	1	1	1	1	1	1	1	1	1
PKU749	1	1	1	1	1	1	1	1	1	1
PKU750	1	1	1	1	1	1	1	1	1	1
PKU751	1	1	1	1	1	1	1	1	1	1
PKU752	1	1	1	1	1	1	1	1	1	1
PKU753	1	1	1	1	1	1	1	1	1	1
PKU754	1	1	1	1	1	1	1	1	1	1
PKU755	1	1	1	1	1	1	1	1	1	1
PKU756	1	1	1	1	1	1	1	1	1	1
PKU757	1	1	1	1	1	1	1	1	1	1
PKU758	1	1	1	1	1	1	1	1	1	1
PKU759	1	1	1	1	1	1	1	1	1	1
PKU760	1	1	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Cuadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. s	Mg-ppt. s	Ca-ppt. s	Ti-ppt. s	Mn-ppt. s	Ag-ppt. s	B-ppt. s	Ba-ppt. s	Hg-ppt. s
PKT0761	31 7 0	111 9 50	2.0	.30	.10	.10	1,000	N	500	1,000	1.0
PKT0762	31 6 59	111 9 49	3.0	.30	.10	.15	1,500	N	300	1,000	2.0
PKT0763	31 7 1	111 9 54	3.0	.30	.10	.30	1,500	<.5	300	1,000	1.5
PKT0764	31 7 1	111 9 54	3.0	.50	.15	.20	2,000	<.5	700	700	1.5
PKT0765	31 7 2	111 9 53	3.0	.20	.15	.30	500	<.5	700	1,000	2.0
PKT0768	31 7 4	111 9 46	2.0	.15	.20	.20	300	<.5	700	1,000	2.0
PKT0769	31 7 4	111 9 47	2.0	.07	.15	.20	300	<.5	300	700	3.0
PKT0770	31 7 4	111 9 48	3.0	.15	.15	.30	300	N	700	700	1.5
PKT0771	31 7 4	111 9 49	3.0	.15	.20	.20	500	<.5	500	700	1.5
PKT0772	31 7 4	111 9 50	3.0	.15	.15	.30	300	<.5	300	700	2.0
PKT0773	31 7 3	111 9 51	3.0	.15	.20	.20	500	<.5	300	700	2.0
PKT0774	31 6 58	111 9 51	3.0	.30	.15	.20	500	<.5	200	700	1.5
PKT0775	31 6 57	111 9 52	3.0	.50	.20	.20	700	<.5	200	700	1.5
PKT0776	31 6 57	111 9 53	3.0	.15	.20	.20	700	N	150	500	1.5
PKT0777	31 6 57	111 9 54	3.0	.15	.15	.15	700	N	200	700	1.5
PKT0778	31 6 56	111 9 54	3.0	.30	.15	.15	700	<.5	150	1,000	1.5
PKT0779	31 6 55	111 9 55	3.0	.30	.10	.15	1,000	<.5	300	1,000	1.5
PKT0780	31 6 55	111 9 55	2.0	.07	.10	.10	700	<.5	500	500	1.5
PKT0781	31 6 54	111 9 55	3.0	.15	.20	.10	3,000	<.5	200	500	1.5
PKT0782	31 6 53	111 9 56	1.5	.10	.30	.07	5,000	<.5	150	500	2.0
PKT0783	31 6 53	111 9 56	3.0	.30	.20	.20	5,000	<.5	300	700	1.5
PKT0784	31 6 52	111 9 57	2.0	.10	.10	.10	1,000	<.5	300	300	1.0
PKT0785	31 6 52	111 9 58	2.0	.15	.10	.07	300	<.5	300	400	1.0
PKT0786	31 6 52	111 9 58	7.0	.30	.15	.15	2,000	1.5	1,000	300	1.5
PKT0787	31 6 52	111 9 59	3.0	.50	.20	.20	3,000	<.5	500	700	1.5
PKT0788	31 6 53	111 10 0	1.5	.30	.20	.20	2,000	N	300	500	1.5
PKT0789	31 6 53	111 10 1	2.0	.30	.20	.30	2,000	N	300	500	1.5
PKT0790	31 6 54	111 10 1	1.5	.20	.20	.30	1,500	N	300	500	1.0
PKT0792	31 7 0	111 9 56	3.0	.50	.30	.10	>5,000	<.5	500	700	1.5
PKT0793	31 6 59	111 9 56	3.0	.70	.20	.10	3,000	N	300	1,000	1.5
PKT0794	31 6 59	111 9 57	5.0	.70	.30	.30	>5,000	<.5	1,000	1,500	1.5
PKT0795	31 6 59	111 9 58	3.0	.30	.15	.10	5,000	<.5	1,000	700	1.5
PKT0796	31 6 58	111 9 58	5.0	.70	.15	.30	3,000	.5	2,000	1,500	1.0
PKT0797	31 6 58	111 9 59	5.0	.50	.15	.15	2,000	.5	1,500	1,000	1.5
PKT0798	31 6 58	111 10 0	1.5	.30	.15	.15	700	N	1,500	500	1.0
PKT0799	31 6 57	111 10 1	2.0	.50	.20	.20	1,500	N	1,000	300	1.0
PKT0800	31 6 57	111 10 0	3.0	.70	.20	.30	3,000	N	2,000	700	1.5
PKT0801	31 6 56	111 10 1	2.0	.50	.15	.30	700	N	1,000	300	1.0
PKT0802	31 6 55	111 10 1	3.0	.70	.15	.30	300	N	700	700	1.5
PKT0803	31 6 54	111 10 1	2.0	.70	.15	.30	700	N	700	700	1.0
PKT0804	31 6 58	111 10 1	15.0	.50	.15	.15	700	N	>2,000	300	1.5
PKT0805	31 6 59	111 10 2	3.0	.70	.30	.30	>5,000	N	1,500	700	1.5
PKT0806	31 6 59	111 10 3	7.0	1.00	.30	.50	>5,000	N	>2,000	1,500	1.5
PKT0807	31 7 0	111 10 4	3.0	.70	.20	.20	>5,000	N	2,000	1,000	1.0
PKT0808	31 7 0	111 10 4	3.0	.70	.15	.20	3,000	1.0	>2,000	2,000	1.0

Table 2. Analytical data for soil samples collected during the U.S.-G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

sample	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKTJ761	N	10	<10	50	50	<5	N	70	<5	<10	100
PKTJ762	N	15	<10	50	50	<5	<5	30	<5	<10	<100
PKTJ763	N	10	<10	70	50	<5	5	30	5	<10	150
PKTJ764	<10	15	<10	150	70	<5	5	50	5	10	200
PKTJ765	<10	20	<10	200	70	<5	<5	50	<5	<10	150
PKTJ768	<10	15	<10	200	70	<5	N	50	<5	N	100
PKTJ769	<10	10	<10	300	70	<5	N	50	<5	N	<100
PKTJ770	N	20	10	150	50	<5	7	30	<5	N	150
PKTJ771	N	15	10	100	50	<5	5	30	<5	N	100
PKTJ772	<10	15	10	150	50	7	7	30	<5	<10	150
PKTJ773	<10	15	<10	150	50	5	7	30	5	<10	150
PKTJ774	N	10	<10	150	70	<5	N	100	5	<10	200
PKTJ775	<10	15	<10	300	70	<5	<5	150	5	15	200
PKTJ776	N	5	<10	150	70	<5	<5	70	5	<10	150
PKTJ777	<10	5	<10	150	50	<5	<5	50	5	N	150
PKTJ778	<10	5	<10	200	50	<5	<5	70	5	<10	100
PKTJ779	<10	10	<10	300	50	<5	7	100	7	<10	100
PKTJ780	N	7	<10	200	30	<5	5	50	<5	N	<100
PKTJ781	N	10	<10	100	50	5	10	50	<5	N	100
PKTJ782	N	<5	<10	50	50	<5	7	30	<5	N	<100
PKTJ783	N	10	<10	70	30	5	15	50	5	N	100
PKTJ784	<10	<5	<10	30	30	<5	7	150	<5	N	<100
PKTJ785	N	N	<10	10	30	N	7	10	N	N	<100
PKTJ786	70	5	<10	200	30	20	10	700	5	<10	<100
PKTJ787	<10	<5	<10	30	30	<5	7	70	<5	N	<100
PKTJ788	<10	<5	<10	10	20	N	7	15	<5	N	<100
PKTJ789	<10	<5	<10	15	30	N	7	20	<5	N	<100
PKTJ790	N	7	<10	30	30	N	7	10	N	N	N
PKTJ792	N	5	<10	150	50	<5	<5	70	5	N	<100
PKTJ793	N	7	<10	200	70	<5	<5	70	5	N	<100
PKTJ794	N	7	<10	150	50	<5	7	30	5	<10	<100
PKTJ795	<10	5	<10	150	30	<5	<5	20	<5	N	<100
PKTJ796	N	7	<10	200	30	<5	7	30	5	<10	<100
PKTJ797	N	5	<10	100	30	<5	5	30	<5	N	<100
PKTJ798	N	<5	<10	30	30	N	5	30	<5	N	N
PKTJ799	N	<5	<10	30	30	<5	7	20	<5	N	N
PKTJ800	N	5	10	50	50	5	10	70	<5	N	N
PKTJ801	N	<5	<10	30	30	<5	7	15	<5	N	<100
PKTJ802	N	<5	<10	20	30	<5	10	20	<5	N	N
PKTJ803	N	<5	<10	10	30	N	7	20	<5	N	N
PKTJ804	<10	N	<10	30	50	10	5	70	<5	<10	N
PKTJ805	<10	5	<10	70	30	<5	10	100	5	<10	N
PKTJ806	N	7	<10	150	50	<5	7	70	<5	10	N
PKTJ807	N	<5	N	50	30	<5	<5	15	N	N	N
PKTJ808	<10	N	<10	70	30	15	5	50	N	<10	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	fb	ss	Tor	st	Ry	Gr
PKT0761	10	15	N	70	1	1	1	1	1	1
PKT0762	20	20	N	70	1	1	1	1	1	1
PKT0763	30	20	N	100	1	1	1	1	1	100
PKT0764	30	15	N	70	1	1	1	1	1	100
PKT0765	30	30	N	300	1	1	1	1	1	1
PKT0766	15	20	N	100	1	1	1	1	100	1
PKT0767	15	30	N	300	1	1	1	1	1	1
PKT0768	30	20	N	200	1	1	1	1	1	1
PKT0769	30	20	N	200	1	1	1	1	1	1
PKT0770	20	20	N	150	1	1	1	1	1	1
PKT0771	20	20	N	300	100	1	1	1	1	1
PKT0772	20	30	N	100	100	1	1	1	1	1
PKT0773	20	30	N	100	100	1	1	1	1	1
PKT0774	30	20	200	100	1	1	1	1	1	100
PKT0775	30	20	<200	160	1	1	1	1	1	100
PKT0776	30	20	200	100	1	1	1	1	1	100
PKT0777	20	15	<200	100	1	1	1	1	1	100
PKT0778	30	15	<200	100	1	1	1	1	1	100
PKT0779	30	20	200	100	1	1	1	1	1	100
PKT0780	20	15	<200	100	1	1	1	1	1	100
PKT0781	30	15	N	100	1	1	1	1	1	1
PKT0782	20	10	N	70	1	1	1	1	1	1
PKT0783	50	15	<200	150	1	1	1	1	1	1
PKT0784	30	10	N	70	1	1	1	1	1	1
PKT0785	30	<10	N	70	1	1	1	1	1	1
PKT0786	30	30	N	100	1	1	1	1	1	1
PKT0787	30	15	N	150	1	1	1	1	1	1
PKT0788	30	10	N	100	1	1	1	1	1	1
PKT0789	30	10	N	100	1	1	1	1	1	1
PKT0790	30	10	N	150	1	1	1	1	1	1
PKT0791	30	15	<200	100	1	1	1	1	1	100
PKT0792	30	15	N	70	1	1	1	1	1	100
PKT0793	20	20	N	150	1	1	1	1	1	1
PKT0794	30	15	N	150	1	1	1	1	1	100
PKT0795	20	10	N	100	1	1	1	1	1	100
PKT0796	30	20	N	100	1	1	1	1	1	100
PKT0797	30	15	N	70	1	1	1	1	1	100
PKT0798	20	10	N	100	1	1	1	1	1	1
PKT0799	30	15	N	70	1	1	1	1	1	1
PKT0800	30	20	N	100	1	1	1	1	1	1
PKT0801	30	15	N	100	1	1	1	1	1	1
PKT0802	30	20	N	150	1	1	1	1	1	1
PKT0803	30	10	N	150	1	1	1	1	1	1
PKT0804	20	10	200	70	1	1	1	1	1	1
PKT0805	30	15	N	100	1	1	1	1	1	1
PKT0806	30	20	N	100	1	1	1	1	1	1
PKT0807	10	15	N	70	1	1	1	1	100	1
PKT0808	20	15	N	15	1	1	1	1	100	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo Guaranje, northern Sonora, Mexico.--continued

Sample	u	ur	tf	Ak	um	fo	jp	ser	My	d
PKTU761	1	100	1	1	1	1	1	1	1	1
PKTU762	1	100	1	1	1	1	1	1	1	1
PKTU763	1	1	1	1	1	1	1	1	1	1
PKTU764	1	1	1	1	1	1	1	1	1	1
PKTU765	1	100	1	1	1	1	1	1	1	1
PKTU766	1	1	1	1	1	1	1	1	1	1
PKTU769	1	100	1	1	1	1	1	1	1	1
PKTU770	1	100	1	1	1	1	1	1	1	1
PKTU771	1	100	1	1	1	1	1	1	1	1
PKTU772	1	1	1	1	1	1	1	1	1	1
PKTU773	1	1	1	1	1	1	1	1	1	1
PKTU774	1	1	1	1	1	1	1	1	1	1
PKTU775	1	1	1	1	1	1	1	1	1	1
PKTU776	1	1	1	1	1	1	1	1	1	1
PKTU777	1	1	1	1	1	1	1	1	1	1
PKTU778	1	1	1	1	1	1	1	1	1	1
PKTU779	1	1	1	1	1	1	1	1	1	1
PKTU780	1	1	1	1	1	1	1	1	1	1
PKTU781	100	1	1	1	1	1	1	1	1	1
PKTU782	100	1	1	1	1	1	1	1	1	1
PKTU783	100	1	1	1	1	1	1	1	1	1
PKTU784	100	1	1	1	1	1	1	1	1	1
PKTU785	100	1	1	1	1	1	1	1	1	1
PKTU786	100	1	1	1	1	1	1	1	1	1
PKTU787	100	1	1	1	1	1	1	1	1	1
PKTU788	100	1	1	1	1	1	1	1	1	1
PKTU789	100	1	1	1	1	1	1	1	1	1
PKTU790	100	1	1	1	1	1	1	1	1	1
PKTU791	1	1	1	1	1	1	1	1	1	1
PKTU792	1	1	1	1	1	1	1	1	1	1
PKTU793	1	1	1	1	1	1	1	1	1	1
PKTU794	1	1	1	1	1	1	1	1	1	1
PKTU795	1	1	1	1	1	1	1	1	1	1
PKTU796	1	1	1	1	1	1	1	1	1	1
PKTU797	1	1	1	1	1	1	1	1	1	1
PKTU798	100	1	1	1	1	1	1	1	1	1
PKTU799	100	1	1	1	1	1	1	1	1	1
PKTU800	100	1	1	1	1	1	1	1	1	1
PKTU801	100	1	1	1	1	1	1	1	1	1
PKTU802	100	1	1	1	1	1	1	1	1	1
PKTU803	100	1	1	1	1	1	1	1	1	1
PKTU804	100	1	1	1	1	1	1	1	1	1
PKTU805	100	1	1	1	1	1	1	1	1	1
PKTU806	100	1	1	1	1	1	1	1	1	1
PKTU807	1	1	1	1	1	1	1	1	1	1
PKTU808	1	1	1	1	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-pct. s	W <sub>2</sub> -pct. s	Ca-pct. s	Ti-pct. s	Mn-ppt. s	Ag-ppt. s	B-ppt. s	Ba-ppt. s	de-ppt. s
PKT0809	31 7 1	111 10 4	5.0	.70	.30	.30	>5,000	<.5	>2,000	1,000	1.5
PKT0810	31 6 59	111 10 2	1.5	.50	.20	.15	>5,000	N	1,000	700	1.0
PKT0811	31 7 0	111 10 1	3.0	.70	.15	.30	>5,000	<.5	2,000	1,500	1.0
PKT0812	31 7 0	111 10 0	2.0	.70	.15	.20	3,000	N	2,000	500	1.5
PKT0813	31 7 1	111 10 0	3.0	1.50	.15	.30	>5,000	<.5	>2,000	1,000	1.5
PKT0814	31 7 1	111 9 59	3.0	.07	.10	.20	700	N	500	500	1.5
PKT0815	31 7 2	111 9 58	1.5	.07	.10	.15	500	N	200	300	1.5
PKT0816	31 6 51	111 9 58	2.0	.07	.15	.15	500	N	500	200	1.0
PKT0817	31 6 50	111 9 58	2.0	.10	.15	.20	1,000	N	300	300	1.0
PKT0818	31 6 49	111 9 58	2.0	.07	.15	.20	1,000	N	200	300	1.0
PKT0819	31 6 49	111 9 58	1.5	.07	.15	.20	700	N	150	300	1.0
PKT0820	31 6 48	111 9 57	1.5	.07	.50	.10	500	N	200	300	1.0
PKT0821	31 6 47	111 9 57	1.5	.07	.15	.15	500	N	200	300	<1.0
PKT0822	31 6 46	111 9 57	2.0	.07	.10	.20	200	N	200	200	<1.0
PKT0823	31 6 46	111 9 57	1.5	.07	.10	.15	300	N	150	200	1.0
PKT0824	31 6 45	111 9 57	2.0	.10	.15	.20	700	N	150	300	1.0
PKT0825	31 6 44	111 9 57	2.0	.07	.15	.20	700	N	200	300	1.0
PKT0826	31 7 31	111 10 20	2.0	.10	.15	.20	1,500	N	300	500	1.0
PKT0827	31 7 30	111 10 20	2.0	.15	.15	.20	1,500	N	300	700	1.5
PKT0828	31 7 30	111 10 20	1.5	.07	.10	.10	1,000	N	150	200	1.0
PKT0829	31 7 29	111 10 20	1.5	.07	.15	.15	2,000	<.5	200	500	1.0
PKT0830	31 7 28	111 10 20	2.0	.15	.30	.10	3,000	1.5	300	500	1.5
PKT0831	31 7 28	111 10 19	2.0	.10	.15	.15	1,500	.5	300	500	1.5
PKT0832	31 7 27	111 10 19	2.0	.15	.20	.15	2,000	<.5	500	500	1.0
PKT0833	31 7 26	111 10 19	2.0	.20	.15	.30	2,000	N	700	700	1.0
PKT0834	31 7 26	111 10 18	3.0	.30	.10	.30	500	N	500	500	1.5
PKT0835	31 7 25	111 10 18	2.0	.20	.10	.30	500	N	700	700	1.0
PKT0836	31 7 25	111 10 18	2.0	.20	.15	.20	700	N	500	700	1.0
PKT0837	31 7 24	111 10 17	2.0	.20	.15	.20	1,000	N	150	700	1.0
PKT0838	31 7 24	111 10 17	2.0	.15	.15	.30	700	N	300	700	1.0
PKT0839	31 7 23	111 10 16	2.0	.30	.10	.20	300	N	1,500	300	1.0
PKT0840	31 7 23	111 10 16	3.0	.10	.20	.20	500	.5	700	500	1.5
PKT0841	31 7 22	111 10 16	2.0	.15	.15	.15	700	N	300	500	1.5
PKT0842	31 7 22	111 10 15	1.5	.07	.15	.07	700	N	200	200	1.5
PKT0843	31 7 21	111 10 15	2.0	.07	.15	.15	1,000	N	200	300	1.5
PKT0844	31 7 20	111 10 20	2.0	.07	.15	.20	700	<.5	500	700	1.0
PKT0845	31 7 25	111 10 21	3.0	.15	.10	.10	200	.7	1,000	700	1.0
PKT0846	31 7 25	111 10 21	2.0	.10	.10	.20	150	N	300	700	1.5
PKT0847	31 7 24	111 10 22	2.0	.07	.15	.15	300	N	100	700	1.5
PKT0848	31 7 24	111 10 23	1.5	.07	.15	.10	300	<.5	70	300	1.5
PKT0849	31 7 24	111 10 24	2.0	.20	.10	.10	200	N	70	700	1.5
PKT0850	31 7 24	111 10 24	2.0	.15	.10	.15	1,500	<.5	200	700	1.0
PKT0851	31 7 24	111 10 25	2.0	.15	.15	.20	1,000	N	150	700	1.0
PKT0852	31 7 25	111 10 26	2.0	.15	.15	.15	1,500	N	200	700	1.0
PKT0853	31 7 25	111 10 27	1.5	.10	.50	.10	1,500	N	70	500	1.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

sample	Bi-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Ko-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PKT0809	<10	<5	<10	50	30	15	10	70	<5	<10	N
PKT0810	N	<5	<10	50	20	<5	7	20	<5	N	<100
PKT0811	<10	7	<10	100	30	<5	5	30	5	<10	<100
PKT0812	N	<5	<10	70	30	<5	<5	15	<5	<10	<100
PKT0813	<10	10	<10	150	30	<5	7	30	5	<10	<100
PKT0814	N	7	<10	100	30	N	<5	20	N	N	N
PKT0815	N	7	N	70	30	N	N	10	N	N	N
PKT0816	N	5	<10	70	50	10	7	10	N	N	N
PKT0817	<10	5	10	100	50	7	10	150	N	N	N
PKT0818	N	7	<10	100	30	5	10	70	N	N	N
PKT0819	N	<5	<10	30	30	N	7	30	N	N	N
PKT0820	N	N	<10	50	30	<5	5	20	N	N	N
PKT0821	N	N	<10	30	30	N	5	<10	N	N	N
PKT0822	N	N	<10	30	30	7	5	<10	N	N	N
PKT0823	N	N	<10	20	50	N	5	<10	N	N	N
PKT0824	N	<5	<10	50	30	N	7	15	N	N	N
PKT0825	N	<5	<10	50	30	<5	7	20	N	N	N
PKT0826	N	15	<10	70	50	<5	5	20	N	N	N
PKT0827	N	10	<10	70	50	<5	<5	10	<5	N	N
PKT0828	N	N	N	30	50	N	N	N	N	N	N
PKT0829	N	N	N	70	50	N	5	10	<5	N	N
PKT0830	<10	7	<10	300	50	N	7	70	N	N	N
PKT0831	N	N	<10	70	70	N	<5	70	N	N	N
PKT0832	N	<5	<10	70	50	<5	5	30	N	N	N
PKT0833	N	<5	<10	100	50	<5	5	15	<5	N	N
PKT0834	N	7	<10	50	<0	N	N	<10	<5	N	N
PKT0835	N	15	<10	50	30	<5	N	10	<5	N	N
PKT0836	N	15	<10	70	20	N	N	20	<5	N	N
PKT0837	N	5	<10	30	50	N	<5	50	<5	N	150
PKT0838	N	7	10	70	50	<5	5	100	5	N	200
PKT0839	N	7	<10	100	20	N	<5	15	<5	N	100
PKT0840	N	7	<10	200	20	<5	<5	30	5	N	100
PKT0841	N	<5	N	50	30	N	<5	15	<5	N	<100
PKT0842	N	5	N	20	30	N	N	N	N	N	<100
PKT0843	N	5	N	30	20	N	<5	15	<5	N	<100
PKT0844	N	7	<10	70	50	7	5	30	<5	N	100
PKT0845	10	5	10	70	20	30	N	150	N	10	100
PKT0846	N	<5	<10	30	30	<5	N	30	<5	N	<100
PKT0847	N	15	N	15	30	N	N	15	N	N	<100
PKT0848	<10	15	N	100	50	N	N	70	N	N	<100
PKT0849	N	N	<10	20	30	N	N	20	N	N	<100
PKT0850	N	<5	<10	70	30	N	<5	50	N	N	<100
PKT0851	N	N	<10	15	50	<5	N	30	7	N	100
PKT0852	N	N	<10	15	50	N	<5	20	<5	N	100
PKT0853	N	N	<10	7	50	N	<5	15	<5	N	100

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Curro quadrangle, northern Sonora, Mexico.--continued

Sample	V-ppm S	Y-ppm S	Zn-ppm S	Zr-ppm S	fL	ss	Tbr	st	Ry	Gr
PKT0809	30	15	N	100	1	1	1	1	1	1
PKT0810	20	10	N	70	1	1	1	1	1	1
PKT0811	30	15	N	150	1	1	1	1	1	100
PKT0812	15	15	N	70	1	1	1	1	1	100
PKT0813	20	15	N	100	1	1	1	1	1	100
PKT0814	20	20	N	100	1	1	1	1	1	100
PKT0815	15	10	N	70	1	1	1	1	1	100
PKT0816	20	15	N	150	1	1	1	1	1	1
PKT0817	30	10	N	100	1	1	1	1	1	1
PKT0818	30	10	N	150	1	1	1	1	1	1
PKT0819	20	<10	N	150	1	1	1	1	1	1
PKT0820	20	<10	N	70	1	1	1	1	1	1
PKT0821	20	<10	N	100	1	1	1	1	1	1
PKT0822	20	<10	N	300	1	1	1	1	1	1
PKT0823	20	<10	N	150	1	1	1	1	1	1
PKT0824	30	10	N	200	1	1	1	1	1	1
PKT0825	30	10	N	200	1	1	1	1	1	1
PKT0826	20	15	N	100	1	1	1	1	100	1
PKT0827	20	15	N	150	1	1	1	1	100	1
PKT0828	10	15	N	300	1	1	1	1	1	100
PKT0829	15	10	N	100	1	1	1	1	1	100
PKT0830	20	15	N	70	1	1	1	1	1	100
PKT0831	20	15	N	100	1	1	1	1	1	100
PKT0832	20	15	N	100	1	1	1	1	1	100
PKT0833	20	15	N	150	1	1	1	1	1	100
PKT0834	20	15	N	70	1	1	1	1	1	100
PKT0835	30	20	N	150	1	1	1	1	1	100
PKT0836	20	20	N	100	1	1	1	1	1	100
PKT0837	20	15	N	100	1	1	1	1	1	100
PKT0838	30	20	N	100	1	1	1	1	1	100
PKT0839	20	10	N	100	1	1	1	1	1	100
PKT0840	30	15	N	150	1	1	1	1	1	100
PKT0841	20	10	N	70	1	1	1	1	1	100
PKT0842	15	<10	N	70	1	1	1	1	1	100
PKT0843	20	10	N	100	1	1	1	1	1	100
PKT0844	30	15	N	150	1	1	1	1	1	100
PKT0845	20	10	N	100	1	1	100	1	1	1
PKT0846	15	15	N	100	100	1	1	1	1	1
PKT0847	10	10	N	100	100	1	1	1	1	1
PKT0848	<10	15	200	100	100	1	1	1	1	1
PKT0849	<10	15	N	100	1	1	1	1	1	1
PKT0850	10	15	N	150	1	1	1	1	1	1
PKT0851	10	20	N	100	1	1	1	1	1	1
PKT0852	15	20	N	100	1	1	1	1	1	1
PKT0853	10	15	N	100	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.-S.-C.R.M. detailed study of the Rio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	u	sr	ft	ak	gm	fb	3p	ser	my	d
PKT0809	100	1	1	1	1	1	1	1	1	1
PKT0810	100	1	1	1	1	1	1	1	1	1
PKT0811	1	1	1	1	1	1	1	1	1	1
PKT0812	1	1	1	1	1	1	1	1	1	1
PKT0813	1	1	1	1	1	1	1	1	1	1
PKT0814	1	1	1	1	1	1	1	1	1	1
PKT0815	1	1	1	1	1	1	1	1	1	1
PKT0816	100	1	1	1	1	1	1	1	1	1
PKT0817	100	1	1	1	1	1	1	1	1	1
PKT0818	100	1	1	1	1	1	1	1	1	1
PKT0819	100	1	1	1	1	1	1	1	1	1
PKT0820	100	1	1	1	1	1	1	1	1	1
PKT0821	100	1	1	1	1	1	1	1	1	1
PKT0822	100	1	1	1	1	1	1	1	1	1
PKT0823	100	1	1	1	1	1	1	1	1	1
PKT0824	100	1	1	1	1	1	1	1	1	1
PKT0825	100	1	1	1	1	1	1	1	1	1
PKT0826	1	1	1	1	1	1	1	1	1	1
PKT0827	1	1	1	1	1	1	1	1	1	1
PKT0828	1	1	1	1	1	1	1	1	1	1
PKT0829	1	1	1	1	1	1	1	1	1	1
PKT0830	1	1	1	1	1	1	1	1	1	1
PKT0831	1	1	1	1	1	1	1	1	1	1
PKT0832	1	1	1	1	1	1	1	1	1	1
PKT0833	1	1	1	1	1	1	1	1	1	1
PKT0834	1	1	1	1	1	1	1	1	1	1
PKT0835	1	1	1	1	1	1	1	1	1	1
PKT0836	1	1	1	1	1	1	1	1	1	1
PKT0837	1	1	1	1	1	1	1	1	1	1
PKT0838	1	1	1	1	1	1	1	1	1	1
PKT0839	1	1	1	1	1	1	1	1	1	1
PKT0840	1	1	1	1	1	1	1	1	1	1
PKT0841	1	1	1	1	1	1	1	1	1	1
PKT0842	1	1	1	1	1	1	1	1	1	1
PKT0843	1	1	1	1	1	1	1	1	1	1
PKT0844	1	1	1	1	1	1	1	1	1	1
PKT0845	1	1	1	1	1	1	1	1	1	1
PKT0846	1	1	1	1	1	1	1	1	1	1
PKT0847	1	1	1	1	1	1	1	1	1	1
PKT0848	1	1	1	1	1	1	1	1	1	1
PKT0849	1	100	1	1	1	1	1	1	1	1
PKT0850	1	1	1	100	1	1	1	1	1	1
PKT0851	1	1	1	100	1	1	1	1	1	1
PKT0852	1	1	1	100	1	1	1	1	1	1
PKT0853	1	1	1	100	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. %	Mg-ppt. %	Ca-ppt. %	Ti-ppt. %	Mn-ppt. %	Ag-ppt. %	d-ppt. %	Ba-ppt. %	Be-ppt. %
PKT0354	31 7 26	111 10 27	2.0	.15	.10	.15	500	N	100	1,000	1.0
PKT0355	31 7 26	111 10 28	2.0	.20	.10	.20	500	1.0	300	700	1.0
PKT0356	31 7 1	111 10 6	2.0	.15	.15	.15	1,000	.5	300	700	1.0
PKT0357	31 7 1	111 10 6	2.0	.15	.10	.15	700	N	150	300	1.0
PKT0358	31 7 0	111 10 6	2.0	.15	.07	.15	300	<.5	300	700	<1.0
PKT0359	31 7 0	111 10 7	2.0	.15	.15	.07	500	N	300	500	1.0
PKT0360	31 6 59	111 10 7	3.0	.15	.15	.15	1,500	.5	300	700	1.5
PKT0361	31 6 58	111 10 8	2.0	.15	.15	.20	700	<.5	300	700	1.5
PKT0362	31 6 57	111 10 8	2.0	.20	.10	.15	500	N	200	1,500	1.5
PKT0363	31 6 58	111 10 9	2.0	.15	.10	.15	700	N	300	500	2.0
PKT0364	31 6 58	111 10 10	2.0	.15	.15	.07	1,000	<.5	200	500	1.5
PKT0365	31 6 58	111 10 11	1.5	.15	.15	.20	700	N	200	1,000	1.5
PKT0366	31 6 58	111 10 12	2.0	.15	.15	.10	700	N	200	700	1.5
PKT0367	31 6 58	111 10 13	2.0	.20	.10	.15	700	.5	300	1,000	1.0
PKT0368	31 6 59	111 10 14	2.0	.20	.10	.10	1,500	.7	150	1,000	2.0
PKT0369	31 6 59	111 10 15	3.0	.15	.10	.20	700	.5	300	1,000	1.5
PKT0370	31 6 59	111 10 16	2.0	.15	.15	.10	1,500	.5	300	700	1.5
PKT0371	31 6 59	111 10 17	2.0	.15	.10	.07	1,000	.5	150	700	2.0
PKT0372	31 6 59	111 10 18	2.0	.15	.15	.15	1,000	<.5	150	500	2.0
PKT0373	31 6 59	111 10 18	1.5	.15	.20	.10	3,000	N	150	500	1.5
PKT0374	31 6 59	111 10 19	2.0	.30	.10	.15	1,500	.7	700	1,000	1.5
PKT0375	31 6 59	111 10 20	1.0	.15	.15	.07	500	N	100	500	1.5
PKT0376	31 6 59	111 10 21	2.0	.20	.10	.20	2,000	.5	700	1,000	1.5
PKT0377	31 7 0	111 10 22	2.0	.20	.10	.10	2,000	1.5	500	1,000	1.5
PKT0378	31 7 0	111 10 23	2.0	.30	.15	.20	700	N	500	1,000	1.5
PKT0379	31 7 0	111 10 23	2.0	.20	.15	.10	2,000	N	400	700	1.5
PKT0380	31 7 1	111 10 24	1.5	.15	.15	.07	3,000	N	300	500	1.5
PKT0381	31 7 1	111 10 25	2.0	.50	.10	.20	3,000	N	500	1,000	1.0
PKT0382	31 7 2	111 10 26	1.5	.20	.15	.07	3,000	N	500	500	1.5
PKT0383	31 7 2	111 10 26	3.0	.30	.20	.30	1,000	<.5	700	1,500	1.5
PKT0384	31 7 3	111 10 27	3.0	.30	.30	.30	1,500	N	1,000	1,000	1.0
PKT0385	31 7 3	111 10 28	3.0	.15	.15	.15	700	<.5	500	700	2.0
PKT0386	31 7 3	111 10 28	2.0	.15	.30	.30	1,000	N	200	700	1.5
PKT0387	31 7 4	111 10 29	3.0	.50	.30	.30	700	1.5	500	1,500	1.5
PKT0388	31 7 4	111 10 30	3.0	.30	.20	.50	700	1.5	700	1,000	1.0
PKT0389	31 7 5	111 10 29	3.0	.15	.15	.30	1,000	3.0	1,000	700	2.0
PKT0390	31 7 6	111 10 28	2.0	.15	.20	.30	1,000	.5	700	500	2.0
PKT0391	31 7 6	111 10 27	3.0	.70	.30	.50	1,000	1.0	1,500	1,000	2.0
PKT0392	31 7 6	111 10 26	3.0	.50	.30	.30	1,000	2.0	1,500	700	1.5
PKT0393	31 7 7	111 10 25	3.0	.50	.30	.50	700	1.5	2,000	700	1.5
PKT0394	31 7 7	111 10 25	3.0	.70	.30	.50	700	<.5	>2,000	1,000	1.5
PKT0395	31 7 8	111 10 24	3.0	.30	.30	.30	500	<.5	1,500	700	1.5
PKT0396	31 7 8	111 10 23	1.5	.10	.50	.10	500	N	300	300	1.0
PKT0397	31 7 9	111 10 22	3.0	.20	.30	.30	300	2.0	2,000	1,000	1.5
PKT0398	31 7 9	111 10 21	3.0	.30	.30	.30	300	1.5	2,000	700	1.5

Table 2. Analytical data for soil samples collected during the U.S.-G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Ba-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT0854	N	N	<10	20	30	N	<5	15	<5	N	<100
PKT0855	30	N	<10	70	50	<5	<5	70	<5	N	100
PKT0856	N	<5	<10	50	50	5	7	30	<5	N	100
PKT0857	N	<5	<10	100	30	<5	5	15	<5	N	<100
PKT0858	N	<5	<10	50	50	15	5	20	N	N	<100
PKT0859	N	N	<10	70	30	<5	N	15	N	N	<100
PKT0860	N	5	<10	100	30	5	<5	50	<5	<10	150
PKT0861	N	<5	<10	30	30	<5	7	30	<5	N	<100
PKT0862	N	<5	<10	15	70	<5	5	30	5	N	150
PKT0863	N	N	N	20	30	<5	<5	15	<5	<10	<100
PKT0864	N	<5	<10	100	20	<5	<5	20	N	N	<100
PKT0865	N	<5	N	30	20	<5	<5	30	<5	N	100
PKT0866	N	N	N	30	30	<5	N	15	<5	N	<100
PKT0867	<10	5	<10	100	20	<5	<5	50	<5	<10	100
PKT0868	N	7	<10	70	30	<5	5	50	<5	N	<100
PKT0869	<10	7	<10	100	30	5	N	50	<5	<10	100
PKT0870	N	<5	N	50	50	<5	<5	15	N	N	<100
PKT0871	N	5	N	70	30	N	<5	20	N	N	N
PKT0872	N	<5	N	70	50	N	5	15	<5	N	N
PKT0873	N	<5	N	30	50	N	5	15	N	N	<100
PKT0874	<10	5	<10	100	50	<5	<5	70	<5	<10	150
PKT0875	N	N	N	15	30	N	N	10	N	N	<100
PKT0876	N	<5	<10	50	20	N	<5	30	<5	<10	<100
PKT0877	30	5	<10	200	30	5	N	300	<5	<10	<100
PKT0878	N	5	<10	70	30	<5	<5	30	<5	N	<100
PKT0879	N	<5	N	30	30	N	<5	20	<5	N	N
PKT0880	N	N	N	15	30	N	<5	10	N	N	N
PKT0881	N	<5	<10	30	20	<5	<5	30	<5	N	N
PKT0882	N	<5	<10	15	30	N	<5	20	<5	N	<100
PKT0883	<10	5	10	70	70	<5	N	100	<5	<10	150
PKT0884	<10	7	15	100	70	<5	5	150	<5	<10	150
PKT0885	<10	<5	<10	150	20	N	N	30	N	N	100
PKT0886	<10	7	<10	100	50	<5	<5	50	<5	N	N
PKT0887	<10	15	10	500	70	<5	<5	300	<5	<10	300
PKT0888	<10	7	10	500	50	<5	<5	200	<5	<10	200
PKT0889	15	7	<10	700	70	<5	N	200	N	<10	100
PKT0890	<10	10	<10	500	50	<5	N	150	<5	N	N
PKT0891	15	15	15	500	70	5	<5	150	5	<10	300
PKT0892	30	5	10	300	70	5	<5	100	<5	<10	150
PKT0893	15	5	10	500	70	7	5	100	<5	<10	200
PKT0894	<10	7	10	200	70	5	7	70	<5	<10	150
PKT0895	<10	<5	<10	200	70	15	5	50	N	<10	100
PKT0896	N	<5	N	70	50	N	<5	15	N	N	<100
PKT0897	15	5	<10	300	70	20	<5	200	<5	15	100
PKT0898	15	<5	10	300	70	30	5	300	<5	20	100

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fp	ss	Tbr	si	Ry	Gr
PKT0854	10	15	N	70	1	1	1	1	1	1
PKT0855	15	15	N	150	1	1	1	1	1	1
PKT0856	20	15	N	100	1	1	1	1	1	1
PKT0857	15	15	N	100	1	1	1	1	100	1
PKT0858	15	20	N	100	1	1	1	1	100	1
PKT0859	10	15	N	100	1	1	1	1	100	1
PKT0860	30	15	N	150	1	1	1	1	1	1
PKT0861	20	15	N	70	1	1	1	1	1	1
PKT0862	30	20	N	100	1	1	1	1	1	1
PKT0863	20	15	N	100	1	1	1	1	1	1
PKT0864	15	10	N	100	1	1	1	1	1	1
PKT0865	30	15	N	100	1	1	1	1	1	1
PKT0866	30	10	N	100	1	1	1	1	1	1
PKT0867	30	15	N	70	1	1	1	1	1	1
PKT0868	20	15	N	70	1	1	1	1	1	1
PKT0869	30	20	N	150	1	1	1	1	1	1
PKT0870	20	15	N	70	1	1	1	1	1	1
PKT0871	15	10	N	70	1	1	1	1	1	1
PKT0872	30	15	N	100	1	1	1	1	1	1
PKT0873	20	10	N	70	1	1	1	1	1	1
PKT0874	20	15	N	70	1	1	1	1	1	1
PKT0875	15	10	N	70	1	1	1	1	1	1
PKT0876	20	15	N	70	1	1	1	1	1	1
PKT0877	20	20	<200	70	1	1	1	1	1	1
PKT0878	30	20	300	100	1	1	1	1	1	1
PKT0879	20	15	<200	70	1	1	1	1	1	1
PKT0880	20	10	N	70	1	1	1	1	1	1
PKT0881	30	15	N	100	1	1	1	1	1	1
PKT0882	20	10	N	70	1	1	1	1	1	1
PKT0883	30	30	N	300	1	1	1	1	1	1
PKT0884	30	15	<200	300	1	1	1	1	1	1
PKT0885	15	15	300	200	1	1	1	1	1	1
PKT0886	20	15	500	200	1	1	1	1	1	1
PKT0887	30	20	500	300	1	1	1	1	1	1
PKT0888	30	20	700	200	1	1	1	1	1	1
PKT0889	30	15	1,000	150	1	1	1	1	1	1
PKT0890	30	15	1,500	300	1	1	1	1	1	1
PKT0891	30	30	1,000	700	1	1	1	1	1	1
PKT0892	30	30	N	500	1	1	1	1	1	1
PKT0893	50	30	N	300	1	1	1	1	1	1
PKT0894	30	20	N	500	1	1	1	1	1	1
PKT0895	30	15	N	500	1	1	1	1	1	1
PKT0896	20	<10	N	70	1	1	1	1	1	1
PKT0897	30	15	N	500	1	1	1	1	1	1
PKT0898	30	15	N	300	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	%	or	ff	Ak	3m	Fb	qp	Ser	My	d
PKT0854	1	1	1	100	1	1	1	1	1	1
PKT0855	1	1	1	100	1	1	1	1	1	1
PKT0856	100	1	1	1	1	1	1	1	1	1
PKT0857	1	1	1	1	1	1	1	1	1	1
PKT0858	1	1	1	1	1	1	1	1	1	1
PKT0859	1	1	1	1	1	1	1	1	1	1
PKT0860	1	1	1	100	1	1	1	1	1	1
PKT0861	1	1	1	100	1	1	1	1	1	1
PKT0862	1	1	1	100	1	1	1	1	1	1
PKT0863	1	1	1	100	1	1	1	1	1	1
PKT0864	1	1	1	100	1	1	1	1	1	1
PKT0865	1	1	1	100	1	1	1	1	1	1
PKT0866	1	1	1	100	1	1	1	1	1	1
PKT0867	1	1	1	100	1	1	1	1	1	1
PKT0868	1	1	1	100	1	1	1	1	1	1
PKT0869	1	1	100	100	1	1	1	1	1	1
PKT0870	1	1	1	100	1	1	1	1	1	1
PKT0871	1	1	1	100	1	1	1	1	1	1
PKT0872	1	1	1	1	100	1	1	1	1	1
PKT0873	1	1	1	1	100	1	1	1	1	1
PKT0874	1	1	1	100	1	1	1	1	1	1
PKT0875	1	1	1	100	1	1	1	1	1	1
PKT0876	1	1	1	100	1	1	1	1	1	1
PKT0877	1	1	1	100	1	1	1	1	1	1
PKT0878	1	100	1	1	1	1	1	1	1	1
PKT0879	1	1	1	100	1	1	1	1	1	1
PKT0880	1	1	1	100	1	1	1	1	1	1
PKT0881	1	1	1	100	1	1	1	1	1	1
PKT0882	1	1	1	100	1	1	1	1	1	1
PKT0883	1	1	1	100	1	1	1	1	1	1
PKT0884	1	1	1	100	1	1	1	1	1	1
PKT0885	1	1	1	100	1	1	1	1	1	1
PKT0886	1	1	1	100	1	1	1	1	1	1
PKT0887	1	1	1	100	1	1	1	1	1	1
PKT0888	1	100	1	1	1	1	1	1	1	1
PKT0889	1	100	1	1	1	1	1	1	1	1
PKT0890	1	1	1	100	1	1	1	1	1	1
PKT0891	1	1	1	100	1	1	1	1	1	1
PKT0892	1	1	1	100	1	1	1	1	1	1
PKT0893	1	1	1	100	1	1	1	1	1	1
PKT0894	1	1	1	100	1	1	1	1	1	1
PKT0895	1	1	1	100	1	1	1	1	1	1
PKT0896	1	1	1	100	1	1	1	1	1	1
PKT0897	1	1	1	100	1	1	1	1	1	1
PKT0898	1	1	1	100	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppm s	Mg-ppm s	Ca-ppm s	Ti-ppm s	Mn-ppm s	Ag-ppm s	Co-ppm s	Ba-ppm s	Bc-ppm s
PKT0899	31 7 9	111 10 20	3.0	.10	.20	.20	200	<.5	700	300	1.0
PKT0900	31 7 2	111 10 8	2.0	.15	.30	.30	700	.5	300	700	1.5
PKT0901	31 7 3	111 10 9	2.0	.10	.20	.15	500	N	300	300	1.0
PKT0902	31 7 2	111 10 10	3.0	.10	.30	.20	700	N	300	500	1.0
PKT0903	31 7 2	111 10 10	2.0	.10	.30	.15	700	<.5	100	500	1.5
PKT0904	31 7 2	111 10 11	2.0	.15	.30	.20	700	<.5	150	500	1.0
PKT0905	31 7 2	111 10 12	3.0	.20	.30	.30	1,000	<.5	300	700	1.0
PKT0906	31 7 2	111 10 13	3.0	.20	.15	.30	300	N	150	700	1.0
PKT0907	31 7 2	111 10 14	3.0	.07	.10	.20	300	N	300	500	1.5
PKT0908	31 7 2	111 10 15	3.0	.15	.15	.20	700	<.5	300	700	1.0
PKT0909	31 7 2	111 10 16	2.0	.15	.15	.20	500	<.5	200	700	1.5
PKT0910	31 7 3	111 10 17	3.0	.20	.15	.20	300	.5	200	700	1.5
PKT0911	31 7 3	111 10 16	3.0	.15	.20	.20	300	<.5	200	700	1.5
PKT0912	31 7 4	111 10 15	3.0	.15	.15	.20	300	<.5	200	700	2.0
PKT0913	31 7 4	111 10 14	3.0	.10	.20	.15	200	.7	500	500	1.0
PKT0914	31 7 5	111 10 13	2.0	.10	.20	.10	200	.7	300	300	1.0
PKT0915	31 7 5	111 10 13	3.0	.07	.15	.10	200	<.5	300	300	1.5
PKT0916	31 7 6	111 10 12	3.0	.07	.15	.15	300	.5	200	300	1.0
PKT0917	31 7 6	111 10 12	3.0	.07	.10	.10	500	1.5	200	300	1.0
PKT0918	31 7 3	111 10 14	3.0	.07	.15	.30	300	<.5	200	300	1.0
PKT0919	31 7 7	111 10 15	2.0	.05	.15	.10	150	<.5	200	200	1.0
PKT0920	31 7 7	111 10 15	3.0	.10	.20	.20	300	.5	150	300	1.0
PKT0921	31 7 6	111 10 16	2.0	.07	.20	.10	300	<.5	150	200	1.0
PKT0922	31 7 6	111 10 17	2.0	.07	.10	.07	200	N	300	300	1.0
PKT0923	31 7 5	111 10 17	3.0	.10	.07	.15	200	<.5	300	500	1.0
PKT0924	31 7 5	111 10 18	2.0	.10	.10	.15	150	<.5	300	500	1.0
PKT0925	31 7 0	111 10 18	2.0	.07	.30	.10	1,500	<.5	150	300	1.5
PKT0926	31 7 0	111 10 18	2.0	.07	.15	.07	700	N	100	300	1.5
PKT0927	31 7 1	111 10 18	3.0	.15	.20	.15	700	N	100	500	1.5
PKT0928	31 7 2	111 10 18	3.0	.15	.15	.15	500	<.5	300	500	1.5
PKT0929	31 7 2	111 10 18	3.0	.20	.15	.30	700	.5	300	700	2.0
PKT0930	31 7 2	111 10 19	3.0	.15	.10	.20	700	<.5	300	700	1.5
PKT0931	31 7 3	111 10 20	3.0	.15	.15	.20	1,500	<.5	200	700	1.5
PKT0932	31 7 3	111 10 20	5.0	.15	.10	.20	700	<.5	500	700	2.0
PKT0933	31 7 4	111 10 19	3.0	.15	.10	.20	500	N	300	700	1.5
PKT0934	31 7 4	111 10 19	3.0	.15	.10	.20	500	<.5	300	500	2.0
PKT0935	31 7 6	111 10 21	3.0	.15	.10	.20	300	2.0	1,500	700	1.0
PKT0936	31 7 5	111 10 21	3.0	.15	.15	.15	1,500	1.5	500	700	2.0
PKT0937	31 7 7	111 10 21	3.0	.20	.15	.30	1,500	2.0	1,500	1,000	1.5
PKT0938	31 7 6	111 10 21	3.0	.15	.15	.20	1,000	1.5	1,000	700	1.5
PKT0939	31 7 5	111 10 22	5.0	.15	.15	.20	2,000	3.0	1,500	700	2.0
PKT0940	31 7 5	111 10 22	5.0	.30	.15	.20	2,000	1.5	1,500	1,000	1.5
PKT0941	31 7 5	111 10 23	3.0	.15	.15	.15	2,000	<.5	700	700	1.5
PKT0942	31 7 4	111 10 24	2.0	.15	.15	.10	1,000	N	300	700	1.0
PKT0943	31 7 12	111 10 33	1.5	.10	.30	.05	1,500	.7	200	150	2.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flato area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT0899	<10	N	<10	100	50	15	<5	100	N	<10	<100
PKT0900	N	7	<10	100	50	15	7	30	N	N	<100
PKT0901	N	N	<10	70	30	<5	<5	20	N	N	<100
PKT0902	<10	<5	<10	70	50	<5	5	20	<5	<10	<100
PKT0903	N	<5	<10	50	50	N	<5	30	<5	N	<100
PKT0904	<10	7	<10	70	70	<5	<5	30	<5	<10	<100
PKT0905	<10	7	<10	100	50	<5	<5	50	<5	<10	<100
PKT0906	<10	7	<10	300	50	5	<5	50	<5	<10	150
PKT0907	N	7	<10	200	30	<5	N	20	N	<10	N
PKT0908	N	15	<10	300	50	5	N	30	<5	<10	200
PKT0909	<10	15	<10	200	30	<5	N	30	<5	N	<100
PKT0910	<10	5	<10	150	50	<5	N	50	<5	N	100
PKT0911	N	<5	<10	100	50	<5	N	30	<5	<10	100
PKT0912	<10	<5	<10	150	50	<5	<5	30	<5	<10	100
PKT0913	<10	<5	<10	70	30	<5	<5	50	<5	<10	<100
PKT0914	<10	<5	<10	70	30	5	5	30	<5	<10	N
PKT0915	<10	<5	<10	70	30	15	5	50	<5	<10	N
PKT0916	<10	<5	10	70	30	10	7	50	<5	N	<100
PKT0917	<10	5	<10	150	30	30	5	50	N	<10	<100
PKT0918	<10	<5	10	50	30	10	7	70	<5	<10	N
PKT0919	<10	N	<10	50	30	<5	<5	30	<5	N	N
PKT0920	50	<5	<10	50	30	5	7	100	<5	N	N
PKT0921	30	<5	<10	30	30	<5	5	30	<5	N	N
PKT0922	<10	<5	<10	100	20	<5	<5	30	<5	N	N
PKT0923	<10	<5	<10	150	20	<5	<5	30	<5	<10	<100
PKT0924	N	<5	<10	1,000	30	<5	N	20	<5	<10	N
PKT0925	N	<5	<10	70	50	N	5	30	<5	N	N
PKT0926	"	<5	<10	50	30	N	5	15	<5	N	N
PKT0927	"	<5	<10	100	50	N	5	20	<5	<10	N
PKT0928	<10	<5	<10	150	30	<5	<5	50	<5	<10	N
PKT0929	<10	10	<10	150	30	<5	5	50	<5	<10	<100
PKT0930	<10	15	<10	100	20	<5	<5	50	<5	<10	<100
PKT0931	<10	15	<10	300	50	<5	<5	70	<5	<10	<100
PKT0932	<10	15	<10	100	30	<5	<5	30	<5	<10	100
PKT0933	<10	5	<10	70	20	<5	<5	30	<5	<10	<100
PKT0934	<10	5	<10	150	30	<5	<5	50	<5	<10	<100
PKT0935	10	<5	<10	100	30	15	N	200	<5	<10	100
PKT0936	<10	7	<10	200	30	<5	5	70	<5	10	<100
PKT0937	<10	15	<10	1,000	70	5	<5	150	5	20	150
PKT0938	<10	10	<10	500	30	10	<5	150	<5	<10	100
PKT0939	10	7	<10	300	30	<5	N	100	<5	<10	<100
PKT0940	<10	10	<10	700	50	15	<5	200	<5	15	100
PKT0941	N	<5	<10	500	30	<5	<5	20	<5	N	<100
PKT0942	N	<5	N	70	30	N	N	20	N	N	<100
PKT0943	10	15	N	300	50	15	<5	700	N	10	<100

Table 2. Analytical data for soil samples collected during the U.S.-G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fp	ss	Tor	si	Ry	Gr
PKT0907	30	10	N	200	1	1	1	1	1	1
PKT0908	30	15	N	300	1	1	1	1	100	1
PKT0909	20	15	N	200	1	1	1	1	100	1
PKT0910	30	15	N	500	1	1	1	1	100	1
PKT0911	30	15	N	200	1	1	1	1	100	1
PKT0912	30	15	N	300	1	1	1	1	100	1
PKT0913	30	15	N	300	1	1	1	1	100	1
PKT0914	20	10	N	300	1	1	1	1	1	1
PKT0915	30	10	N	150	1	1	1	1	1	1
PKT0916	30	15	N	200	1	1	1	1	1	1
PKT0917	20	<10	N	150	1	1	1	1	1	1
PKT0918	30	<10	N	150	1	1	1	1	1	1
PKT0919	20	10	N	200	1	1	1	1	1	1
PKT0920	20	<10	N	150	1	1	1	1	1	1
PKT0921	30	10	N	200	1	1	1	1	1	1
PKT0922	20	<10	N	150	1	1	1	1	1	1
PKT0923	20	15	N	150	1	1	1	1	1	1
PKT0924	20	15	N	300	1	1	1	1	1	1
PKT0925	20	10	N	100	1	1	1	1	1	1
PKT0926	20	10	N	150	1	1	1	1	1	1
PKT0927	20	10	N	100	1	1	1	1	1	1
PKT0928	20	10	N	150	1	1	1	1	1	1
PKT0929	30	20	N	100	1	1	1	1	1	1
PKT0930	20	15	N	70	1	1	1	1	1	1
PKT0931	20	15	N	70	1	1	1	1	1	1
PKT0932	30	15	N	70	1	1	1	1	1	1
PKT0933	30	15	N	70	1	1	1	1	1	1
PKT0934	30	15	N	100	1	1	1	1	1	1
PKT0935	20	15	N	100	1	1	1	1	1	1
PKT0936	20	15	N	70	1	1	1	1	1	1
PKT0937	30	20	<200	100	1	1	1	1	1	1
PKT0938	20	15	<200	100	1	1	1	1	1	1
PKT0939	20	15	N	150	1	1	1	1	1	1
PKT0940	30	20	200	70	1	1	1	1	1	1
PKT0941	20	15	300	70	1	1	1	1	1	1
PKT0942	20	10	500	70	1	1	1	1	1	1
PKT0943	10	10	N	70	1	1	1	1	1	1
PKT0944	10	10	300	50	1	1	1	1	100	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	u	gr	fr	ak	um	Fb	up	Ser	My	d
PKT0399	100	1	1	1	1	1	1	1	1	1
PKT0900	1	1	1	1	1	1	1	1	1	1
PKT0901	1	1	1	1	1	1	1	1	1	1
PKT0902	1	1	1	1	1	1	1	1	1	1
PKT0903	1	1	1	100	1	1	1	1	1	1
PKT0904	1	1	1	100	1	1	1	1	1	1
PKT0905	1	1	1	100	1	1	1	1	1	1
PKT0906	1	1	1	100	1	1	1	1	1	1
PKT0907	1	1	1	100	1	1	1	1	1	1
PKT0908	1	1	1	100	1	1	1	1	1	1
PKT0909	1	1	1	100	1	1	1	1	1	1
PKT0910	1	1	1	100	1	1	1	1	1	1
PKT0911	1	1	1	100	1	1	1	1	1	1
PKT0912	1	1	1	100	1	1	1	1	1	1
PKT0913	1	100	1	1	1	1	1	1	1	1
PKT0914	1	100	1	1	1	1	1	1	1	1
PKT0915	1	100	1	1	1	1	1	1	1	1
PKT0916	1	100	1	1	1	1	1	1	1	1
PKT0917	100	1	1	1	1	1	1	1	1	1
PKT0918	100	1	1	1	1	1	1	1	1	1
PKT0919	100	1	1	1	1	1	1	1	1	1
PKT0920	100	1	1	1	1	1	1	1	1	1
PKT0921	100	1	1	1	1	1	1	1	1	1
PKT0922	1	100	1	1	1	1	1	1	1	1
PKT0923	1	100	1	1	1	1	1	1	1	1
PKT0924	1	1	1	100	1	1	1	1	1	1
PKT0925	1	1	1	1	100	1	1	1	1	1
PKT0926	1	1	1	1	100	1	1	1	1	1
PKT0927	1	1	1	100	1	1	1	1	1	1
PKT0928	1	1	1	100	1	1	1	1	1	1
PKT0929	1	1	1	100	1	1	1	1	1	1
PKT0930	1	1	1	100	1	1	1	1	1	1
PKT0931	1	1	1	100	1	1	1	1	1	1
PKT0932	1	1	1	100	1	1	1	1	1	1
PKT0933	1	1	1	1	100	1	1	1	1	1
PKT0934	1	1	1	100	1	1	1	1	1	1
PKT0935	1	1	1	100	1	1	1	1	1	1
PKT0936	1	1	1	100	1	1	1	1	1	1
PKT0937	1	1	1	100	1	1	1	1	1	1
PKT0938	1	1	1	100	1	1	1	1	1	1
PKT0939	1	1	1	100	1	1	1	1	1	1
PKT0940	1	1	1	1	100	1	1	1	1	1
PKT0941	1	1	1	100	1	1	1	1	1	1
PKT0942	1	1	1	100	1	1	1	1	1	1
PKT0943	1	1	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangulo, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-ppt. S	Mn-ppt. S	Ag-ppt. S	B-ppt. S	Ba-ppt. S	Be-ppt. S
PKTU944	31 7 12	111 10 32	1.5	.10	.20	.07	2,000	1.0		200	3.0
PKTU945	31 7 11	111 10 31	1.5	.10	.50	.07	2,000	N		500	2.0
PKTU946	31 7 11	111 10 30	2.0	.15	.15	.10	700	<.5		300	1.0
PKTU947	31 7 11	111 10 29	2.0	.10	.15	.10	1,500	N		300	1.5
PKTU948	31 7 11	111 10 28	2.0	.15	.15	.15	1,000	1.5		500	1.0
PKTU949	31 7 11	111 10 28	2.0	.15	.10	.15	1,000	1.5		500	1.0
PKTU950	31 7 11	111 10 27	2.0	.20	.10	.15	1,000	1.0		500	1.5
PKTU951	31 7 11	111 10 26	1.5	.15	.50	.07	1,500	.7		300	1.5
PKTU952	31 7 11	111 10 25	3.0	.10	.30	.30	700	1.0		300	3.0
PKTU953	31 7 11	111 10 24	3.0	.10	.20	.30	700	.5		300	2.0
PKTU954	31 7 11	111 10 23	2.0	.07	.20	.30	700	.5		300	1.5
PKTU955	31 7 8	111 10 25	3.0	.15	.50	.30	700	<.5		700	2.0
PKTU956	31 7 8	111 10 26	3.0	.15	.30	.20	700	<.5		1,500	3.0
PKTU957	31 7 9	111 10 26	3.0	.30	.30	.30	700	<.5		300	3.0
PKTU958	31 7 8	111 10 27	3.0	.20	.20	.30	300	1.5		300	2.0
PKTU959	31 7 8	111 10 28	3.0	.15	.30	.20	500	1.5		1,500	3.0
PKTU960	31 7 8	111 10 29	2.0	.15	.30	.15	500	1.0		700	3.0
PKTU961	31 7 9	111 10 30	3.0	.07	.20	.20	200	<.5		300	2.0
PKTU962	31 7 10	111 10 30	3.0	.15	.30	.30	300	1.5		1,000	3.0
PKTU963	31 7 19	111 10 15	3.0	.07	.20	.30	700	<.5		300	3.0
PKTU964	31 7 19	111 10 16	3.0	.10	.30	.30	700	.5		700	2.0
PKTU965	31 7 19	111 10 17	3.0	.10	.30	.20	500	N		500	2.0
PKTU966	31 7 18	111 10 18	3.0	.07	.30	.20	300	<.5		500	2.0
PKTU967	31 7 18	111 10 18	3.0	.15	.50	.30	1,000	<.5		700	3.0
PKTU968	31 7 18	111 10 19	3.0	.15	.30	.30	700	<.5		700	2.0
PKTU969	31 7 18	111 10 20	3.0	.07	.15	.15	200	<.5		500	1.5
PKTU970	31 7 18	111 10 21	3.0	.10	.15	.15	300	1.5		700	1.5
PKTU971	31 7 18	111 10 22	3.0	.07	.15	.20	300	<.5		700	1.5
PKTU972	31 7 18	111 10 23	1.0	.07	.30	.07	150	N		200	1.5
PKTU973	31 7 18	111 10 24	2.0	.07	.10	.15	200	1.0		300	1.0
PKTU974	31 7 18	111 10 25	3.0	.10	.15	.15	300	<.5		300	1.5
PKTU975	31 7 18	111 10 26	1.5	.07	.15	.10	150	<.5		300	1.0
PKTU976	31 7 19	111 10 27	3.0	.15	.30	.30	500	.5		500	1.5
PKTU977	31 7 19	111 10 28	3.0	.10	.20	.20	300	<.5		700	1.5
PKTU978	31 7 19	111 10 29	2.0	.10	.20	.20	500	<.5		500	2.0
PKTU979	31 7 19	111 10 29	2.0	.07	.30	.20	1,000	N		300	2.0
PKTU980	31 7 19	111 10 30	3.0	.07	.30	.20	500	N		300	2.0
PKTU981	31 7 20	111 10 31	3.0	.07	.20	.30	200	.7		300	2.0
PKTU982	31 7 20	111 10 32	3.0	.07	.30	.15	300	<.5		300	2.0
PKTU983	31 7 20	111 10 33	3.0	.07	.15	.10	500	.7		300	1.5
PKTU984	31 7 21	111 10 33	3.0	.07	.30	.10	1,000	N		300	2.0
PKTU985	31 7 21	111 10 34	3.0	.07	.20	.20	1,000	.7		500	3.0
PKTU986	31 7 21	111 10 35	2.0	.07	.15	.10	700	<.5		500	1.5
PKTU987	31 7 21	111 10 36	2.0	.07	.15	.15	500	<.5		300	1.5
PKTU988	31 7 22	111 10 37	3.0	.07	.30	.20	700	<.5		500	2.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Pb-ppm S	Co-ppm S	Cr-ppm S	Cu-ppm S	La-ppm S	Mo-ppm S	Ni-ppm S	Pb-ppm S	Sc-ppm S	Sn-ppm S	Sr-ppm S
PKTJ944	<10	15	<10	700	70	<5	<5	150	<5	N	<100
PKTJ945	N	7	N	500	30	<5	<5	70	N	N	<100
PKTJ946	N	5	<10	500	30	20	N	30	<5	<10	<100
PKTJ947	N	<5	<10	150	30	<5	<5	20	N	N	<100
PKTJ948	<10	7	<10	200	30	<5	7	150	N	<10	100
PKTJ949	<10	7	<10	200	20	<5	5	150	<5	N	100
PKTJ950	<10	15	<10	500	20	5	7	200	<5	<10	100
PKTJ951	<10	15	N	500	30	<5	<5	100	N	N	<100
PKTJ952	<10	15	<10	300	50	<5	7	70	<5	N	N
PKTJ953	N	7	<10	100	30	<5	5	30	<5	<10	<100
PKTJ954	N	<5	<10	100	30	<5	7	30	N	N	N
PKTJ955	<10	7	<10	200	50	<5	5	50	<5	<10	N
PKTJ956	<10	5	<10	200	50	<5	<5	70	<5	<10	100
PKTJ957	N	20	<10	700	30	<5	<5	50	<5	<10	N
PKTJ958	<10	7	<10	500	70	5	<5	70	<5	<10	200
PKTJ959	<10	5	<10	700	70	<5	<5	150	<5	30	200
PKTJ960	<10	7	<10	300	70	<5	N	70	<5	20	150
PKTJ961	<10	N	<10	200	30	30	<5	50	<5	<10	<100
PKTJ962	<10	<5	<10	300	50	10	<5	100	<5	15	150
PKTJ963	N	<5	<10	150	30	N	5	5	<5	N	<100
PKTJ964	N	<5	<10	200	50	<5	5	50	<5	N	<100
PKTJ965	N	N	<10	70	30	<5	<5	30	<5	<10	<100
PKTJ966	<10	7	<10	150	50	<5	5	30	<5	N	<100
PKTJ967	N	10	10	200	70	<5	7	50	5	N	100
PKTJ968	<10	<5	<10	100	30	<5	N	30	<5	<10	<100
PKTJ969	N	5	<10	500	30	<5	<5	50	<5	<10	150
PKTJ970	N	5	<10	500	50	<5	<5	50	<5	<10	<100
PKTJ971	N	5	<10	500	50	<5	<5	50	<5	<10	<100
PKTJ972	<10	N	<10	50	30	N	N	15	<5	N	N
PKTJ973	<10	N	<10	150	30	<5	<5	70	<5	<10	N
PKTJ974	N	<5	<10	150	30	<5	5	30	<5	N	<100
PKTJ975	N	N	<10	70	30	<5	<5	15	N	N	N
PKTJ976	<10	5	<10	150	50	<5	7	200	<5	<10	N
PKTJ977	<10	5	<10	150	30	<5	5	70	<5	N	N
PKTJ978	10	<5	<10	100	20	<5	7	100	<5	N	N
PKTJ979	N	5	<10	50	30	<5	7	70	<5	N	N
PKTJ980	<10	<5	<10	100	50	<5	7	30	<5	N	N
PKTJ981	<10	<5	10	70	50	<5	7	50	<5	N	N
PKTJ982	<10	<5	N	100	50	N	5	30	<5	N	N
PKTJ983	<10	<5	N	70	30	<5	5	50	<5	<10	N
PKTJ984	<10	<5	N	70	50	<5	7	70	<5	N	N
PKTJ985	<10	5	N	70	50	<5	5	50	<5	N	N
PKTJ986	<10	<5	N	30	30	<5	7	70	<5	N	N
PKTJ987	<10	<5	N	30	30	<5	5	50	<5	<10	N
PKTJ988	N	5	N	30	30	<5	7	30	<5	N	N

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zn-ppm s	fp	ss	Tbr	si	Ry	Gr
PKTU944	15	20	700	150	1	1	1	1	100	1
PKTU945	10	15	<200	70	1	1	1	1	100	1
PKTU946	10	20	N	150	1	1	1	1	100	1
PKTU947	15	15	N	70	1	1	1	1	100	1
PKTU948	20	15	N	150	1	1	1	1	1	1
PKTU949	20	15	N	100	1	1	1	1	1	1
PKTU950	15	20	N	200	1	1	1	1	100	1
PKTU951	15	10	<200	70	1	1	1	1	100	1
PKTU952	30	15	N	200	1	1	1	1	100	1
PKTU953	30	10	N	150	1	1	1	1	1	1
PKTU954	20	<10	N	150	1	1	1	1	1	1
PKTU955	30	15	N	150	1	1	1	1	1	1
PKTU956	30	15	N	150	1	1	1	1	1	1
PKTU957	50	15	1,000	300	1	1	1	1	100	1
PKTU958	30	50	200	500	1	1	1	1	100	1
PKTU959	20	15	<200	200	1	1	1	1	1	1
PKTU960	20	15	500	300	1	1	1	1	100	1
PKTU961	15	30	N	300	1	1	1	1	1	1
PKTU962	20	20	N	300	1	1	1	1	1	1
PKTU963	30	15	N	150	1	1	1	1	1	100
PKTU964	30	20	N	300	1	1	1	1	1	100
PKTU965	20	15	N	200	1	1	1	1	1	1
PKTU966	20	20	N	300	1	1	1	1	1	1
PKTU967	20	20	N	300	1	1	1	1	1	1
PKTU968	30	20	N	500	1	1	1	1	1	1
PKTU969	10	15	N	300	1	1	1	1	1	1
PKTU970	10	15	N	150	1	1	1	1	1	1
PKTU971	20	20	N	200	1	1	1	1	1	1
PKTU972	10	10	N	70	1	1	1	1	1	1
PKTU973	15	10	N	200	1	1	1	1	1	1
PKTU974	30	15	N	300	1	1	1	1	1	1
PKTU975	30	<10	N	100	1	1	1	1	1	1
PKTU976	30	10	N	200	1	1	1	1	1	1
PKTU977	30	10	N	200	1	1	1	1	1	1
PKTU978	30	15	N	150	1	1	1	1	1	1
PKTU979	30	<10	N	150	1	1	1	1	1	1
PKTU980	30	10	N	200	1	1	1	1	1	1
PKTU981	50	15	N	300	1	1	1	1	1	1
PKTU982	30	<10	N	70	1	1	1	1	1	1
PKTU983	30	10	N	150	1	1	1	1	1	1
PKTU984	30	10	N	200	1	1	1	1	1	1
PKTU985	50	15	N	100	1	1	1	1	1	1
PKTU986	30	10	N	150	1	1	1	1	1	1
PKTU987	30	10	N	150	1	1	1	1	1	1
PKTU988	30	10	N	200	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Quadrangle, northern Sonora, Mexico.--continued

Sample	W	Gr	ft	Ak	Gm	Fo	Op	Ser	My	d
PKT0944	1	1	1	1	1	1	1	1	1	1
PKT0945	1	1	1	1	1	1	1	1	1	1
PKT0946	1	1	1	1	1	1	1	1	1	1
PKT0947	1	1	1	1	1	1	1	1	1	1
PKT0948	1	100	1	1	1	1	1	1	1	1
PKT0949	1	100	1	1	1	1	1	1	1	1
PKT0950	1	1	1	1	1	1	1	1	1	1
PKT0951	1	1	1	1	1	1	1	1	1	1
PKT0952	1	1	1	1	1	1	1	1	1	1
PKT0953	100	1	1	1	1	1	1	1	1	1
PKT0954	100	1	1	1	1	1	1	1	1	1
PKT0955	1	1	1	100	1	1	1	1	1	1
PKT0956	1	1	1	100	1	1	1	1	1	1
PKT0957	1	1	1	1	1	1	1	1	1	1
PKT0958	1	1	1	1	1	1	1	1	1	1
PKT0959	1	100	1	1	1	1	1	1	1	1
PKT0960	1	1	1	1	1	1	1	1	1	1
PKT0961	1	100	1	1	1	1	1	1	1	1
PKT0962	1	100	1	1	1	1	1	1	1	1
PKT0963	1	1	1	1	1	1	1	1	1	1
PKT0964	1	1	1	1	1	1	1	1	1	1
PKT0965	100	1	1	1	1	1	1	1	1	1
PKT0966	1	100	1	1	1	1	1	1	1	1
PKT0967	1	1	1	100	1	1	1	1	1	1
PKT0968	1	1	1	100	1	1	1	1	1	1
PKT0969	1	1	1	100	1	1	1	1	1	1
PKT0970	1	100	1	1	1	1	1	1	1	1
PKT0971	1	1	1	100	1	1	1	1	1	1
PKT0972	1	1	1	100	1	1	1	1	1	1
PKT0973	1	100	1	1	1	1	1	1	1	1
PKT0974	100	1	1	1	1	1	1	1	1	1
PKT0975	100	1	1	1	1	1	1	1	1	1
PKT0976	100	1	1	1	1	1	1	1	1	1
PKT0977	100	1	1	1	1	1	1	1	1	1
PKT0978	100	1	1	1	1	1	1	1	1	1
PKT0979	100	1	1	1	1	1	1	1	1	1
PKT0980	100	1	1	1	1	1	1	1	1	1
PKT0981	100	1	1	1	1	1	1	1	1	1
PKT0982	100	1	1	1	1	1	1	1	1	1
PKT0983	100	1	1	1	1	1	1	1	1	1
PKT0984	100	1	1	1	1	1	1	1	1	1
PKT0985	1	100	1	1	1	1	1	1	1	1
PKT0986	100	1	1	1	1	1	1	1	1	1
PKT0987	1	100	1	1	1	1	1	1	1	1
PKT0988	100	1	1	1	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. %	Mg-ppt. %	Ca-ppt. %	Ti-ppt. %	Mn-ppm S	Ag-ppm S	3-ppm S	Ba-ppm S	de-ppm S
PKT0969	31 7 22	111 10 38	2.0	.07	.10	.10	300	<.5	100	200	1.5
PKT0970	31 7 22	111 10 39	3.0	.07	.30	.07	200	<.5	200	300	3.0
PKT0971	31 7 22	111 10 40	3.0	.07	.20	.10	3,000	1.0	300	300	3.0
PKT0972	31 7 22	111 10 40	2.0	.07	.15	.07	700	<.5	200	200	1.5
PKT0994	31 7 13	111 10 33	5.0	.70	.30	.30	700	1.0	700	1,000	1.5
PKT0995	31 7 14	111 10 33	5.0	.70	.30	.30	1,500	1.5	300	1,000	2.0
PKT0996	31 7 15	111 10 32	3.0	.50	.20	.30	700	1.0	500	700	1.5
PKT0997	31 7 15	111 10 32	7.0	1.50	.30	.50	5,000	1.5	1,500	2,000	2.0
PKT0998	31 7 16	111 10 32	7.0	1.00	.50	.30	700	1.5	>2,000	1,500	1.5
PKT0999	31 7 17	111 10 31	7.0	.70	.30	.20	1,000	1.5	2,000	700	1.5
PKT1000	31 7 18	111 10 31	5.0	.50	.30	.15	700	1.5	500	700	1.5
PKT1001	31 7 18	111 10 30	3.0	.70	.50	.30	1,500	<.5	700	1,000	2.0
PKT1002	31 7 18	111 10 28	3.0	.50	.30	.20	1,500	<.5	300	700	1.5
PKT1003	31 7 17	111 10 28	10.0	.70	.70	.30	1,500	.5	500	1,500	1.5
PKT1004	31 7 17	111 10 27	10.0	1.00	.70	.30	1,500	.5	2,000	1,500	2.0
PKT1005	31 7 16	111 10 27	7.0	.70	.50	.30	1,500	<.5	700	1,000	2.0
PKT1006	31 7 15	111 10 29	10.0	1.50	.30	.30	2,000	<.5	300	1,500	1.5
PKT1007	31 7 16	111 10 29	5.0	.70	.50	.30	1,500	.5	500	1,000	1.5
PKT1008	31 7 16	111 10 29	3.0	.50	.30	.20	1,500	1.5	300	700	1.5
PKT1010	31 7 16	111 10 24	7.0	.70	.50	.30	3,000	N	700	1,500	2.0
PKT1011	31 7 15	111 10 24	10.0	1.00	.50	.30	3,000	<.5	1,500	1,000	2.0
PKT1012	31 7 14	111 10 19	10.0	.70	1.00	.30	2,000	<.5	1,000	1,000	1.5
PKT1013	31 7 14	111 10 19	10.0	.70	.70	.30	1,500	<.5	1,000	1,500	2.0
PKT1014	31 7 13	111 10 19	15.0	.70	.70	.20	2,000	1.5	>2,000	1,500	2.0
PKT1015	31 7 12	111 10 19	15.0	.70	.70	.30	3,000	<.5	2,000	1,500	2.0
PKT1016	31 7 11	111 10 19	10.0	1.00	.70	.20	3,000	<.5	>2,000	1,000	2.0
PKT1017	31 7 16	111 10 19	7.0	1.50	.30	.30	3,000	1.0	2,000	2,000	3.0
PKT1018	31 7 16	111 10 19	10.0	.70	.30	.50	1,500	<.5	700	2,000	3.0
PKT1019	31 7 17	111 10 18	7.0	.70	.30	.70	1,500	<.5	700	1,500	3.0
PKT1022	31 7 15	111 10 17	7.0	.70	.50	.50	700	N	1,500	1,000	3.0
PKT1023	31 7 15	111 10 16	7.0	.70	.70	.50	1,500	N	700	1,500	5.0
PKT1024	31 7 16	111 10 15	5.0	.70	.70	.50	1,000	N	1,000	1,500	2.0
PKT1025	31 7 16	111 10 14	7.0	.70	.50	.50	700	N	1,000	1,500	3.0
PKT1026	31 0 0	100 0 0	7.0	.70	.30	.50	700	<.5	1,500	1,500	3.0
PKT1027	31 7 14	111 10 17	10.0	.70	.50	.50	1,000	<.5	700	1,500	3.0
PKT1028	31 7 14	111 10 16	7.0	.50	.50	.30	1,500	N	700	1,000	2.0
PKT1029	31 7 13	111 10 15	7.0	.70	1.50	.30	1,500	<.5	700	1,000	3.0
PKT1030	31 7 13	111 10 15	15.0	1.50	.70	.70	1,500	1.0	700	1,500	3.0
PKT1031	31 7 12	111 10 14	10.0	.50	1.00	.30	2,000	<.5	1,000	1,500	2.0
PKT1032	31 7 12	111 10 13	10.0	.70	.30	.30	1,500	1.0	2,000	1,500	2.0
PKT1033	31 7 12	111 10 13	7.0	.30	2.00	.15	1,000	<.5	1,000	700	1.5
PKT1034	31 7 11	111 10 12	7.0	.30	.50	.20	700	<.5	1,500	700	2.0
PKT1035	31 7 15	111 10 35	7.0	1.50	.50	.30	1,500	1.5	1,000	1,500	3.0
PKT1036	31 7 16	111 10 34	1.0	.30	.07	.15	300	2.0	300	700	2.0
PKT1037	31 7 16	111 10 34	7.0	.30	.50	.70	1,500	<.5	300	1,000	3.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Al-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mn-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT0989	N	<5	N	50	20	N	<5	30	N	N	N
PKT0990	N	15	N	70	50	N	5	20	<5	N	N
PKT0991	<10	15	N	70	50	<5	7	150	<5	N	N
PKT0992	N	5	N	50	30	<5	<5	30	<5	N	N
PKT0994	<10	7	30	100	70	5	7	70	7	N	150
PKT0995	<10	15	50	70	70	<5	15	150	10	N	150
PKT0996	N	7	50	50	50	7	10	100	7	N	100
PKT0997	<10	20	50	200	70	10	15	200	15	<10	150
PKT0998	<10	15	30	100	150	7	15	150	10	<10	150
PKT0999	<10	7	50	70	70	7	15	150	7	<10	100
PKT1000	<10	5	30	50	50	7	10	100	7	N	150
PKT1001	N	7	50	20	50	<5	7	100	10	N	100
PKT1002	<10	7	30	30	50	N	10	70	7	N	100
PKT1003	15	7	30	70	70	15	15	200	15	<10	150
PKT1004	10	7	70	70	100	20	20	300	15	15	200
PKT1005	<10	7	50	70	100	10	15	150	10	<10	100
PKT1006	N	20	20	500	70	7	15	50	10	N	150
PKT1007	N	10	30	70	70	5	15	70	7	N	150
PKT1008	N	7	30	30	50	<5	10	70	5	N	100
PKT1010	N	7	30	70	100	<5	15	50	10	<10	100
PKT1011	10	7	50	50	150	15	15	70	15	10	150
PKT1012	N	7	50	50	70	7	15	100	7	<10	150
PKT1013	<10	7	70	30	100	15	15	150	10	<10	100
PKT1014	50	7	30	70	70	15	10	200	10	<10	150
PKT1015	N	7	20	70	70	20	7	70	7	<10	150
PKT1016	N	7	20	30	100	30	10	150	7	15	100
PKT1017	<10	10	<10	200	150	7	15	70	15	20	100
PKT1018	N	15	30	300	100	20	15	100	15	15	300
PKT1019	N	15	20	150	150	7	10	70	15	15	200
PKT1022	N	10	20	70	150	5	15	50	15	15	200
PKT1023	N	10	30	50	150	<5	15	70	15	N	150
PKT1024	N	7	15	70	150	7	10	50	10	<10	150
PKT1025	N	10	50	70	100	7	10	30	15	<10	150
PKT1026	N	7	30	100	150	10	7	70	15	<10	150
PKT1027	N	7	30	70	150	7	10	30	15	<10	150
PKT1028	N	7	20	50	70	<10	10	20	10	N	100
PKT1029	N	7	20	70	70	7	15	30	10	<10	150
PKT1030	N	20	50	200	100	20	20	50	15	10	300
PKT1031	N	7	30	70	70	30	15	30	7	N	100
PKT1032	10	10	70	150	100	70	20	100	15	15	200
PKT1033	<10	5	15	50	70	15	7	50	7	<10	150
PKT1034	N	5	30	50	70	30	15	30	7	<10	100
PKT1035	<10	20	50	150	70	20	20	200	15	10	200
PKT1036	<10	N	10	70	50	5	<5	50	5	N	100
PKT1037	<10	15	70	70	100	10	30	70	15	N	100

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.W. detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fp	ss	Tor	st	Ry	Gr
PKT0989	30	<10	N	100	1	1	1	1	1	1
PKT0990	30	10	300	70	1	1	1	1	1	1
PKT0991	30	15	200	100	1	1	1	1	100	1
PKT0992	30	<10	N	100	1	1	1	1	100	1
PKT0994	70	30	N	300	1	1	1	1	1	1
PKT0995	100	30	N	200	1	1	1	1	1	1
PKT0996	70	20	N	200	1	1	1	1	1	1
PKT0997	150	30	N	N	1	1	1	1	1	1
PKT0998	100	30	N	150	1	1	1	1	1	1
PKT0999	70	30	N	15	1	1	1	1	1	1
PKT1000	70	15	N	150	1	1	1	1	1	1
PKT1001	100	20	N	20	1	1	1	1	1	1
PKT1002	100	15	N	15	1	1	1	1	1	1
PKT1003	150	30	N	150	1	1	1	1	1	1
PKT1004	150	30	N	20	1	1	1	1	1	1
PKT1005	150	30	N	200	1	1	1	1	1	1
PKT1006	150	30	300	150	1	1	1	1	1	1
PKT1007	100	30	N	20	1	1	1	1	1	1
PKT1008	70	15	N	150	1	1	1	1	1	1
PKT1010	100	30	N	150	1	1	1	1	1	1
PKT1011	150	30	N	20	1	1	1	1	1	1
PKT1012	100	20	N	150	1	1	1	1	1	1
PKT1013	150	30	200	150	1	1	1	1	1	1
PKT1014	100	30	N	100	1	1	1	1	1	1
PKT1015	150	20	N	15	1	1	1	1	1	1
PKT1016	100	30	N	150	1	1	1	1	1	1
PKT1017	70	30	N	200	1	1	1	1	1	1
PKT1018	70	100	200	300	1	1	1	1	1	1
PKT1019	70	100	N	300	1	1	1	1	1	1
PKT1022	70	100	N	30	1	1	1	1	1	1
PKT1023	100	70	N	300	1	1	1	1	1	1
PKT1024	70	70	N	30	1	1	1	1	1	1
PKT1025	100	70	N	300	1	1	1	1	1	1
PKT1026	100	70	N	300	1	1	1	1	1	1
PKT1027	70	70	N	30	1	1	1	1	1	1
PKT1028	70	30	N	15	1	1	1	1	1	1
PKT1029	70	30	N	200	1	1	1	1	1	1
PKT1030	200	50	N	300	1	1	1	1	1	1
PKT1031	70	30	N	200	1	1	1	1	1	1
PKT1032	100	50	N	300	1	1	1	1	1	1
PKT1033	70	30	N	200	1	1	1	1	1	1
PKT1034	100	30	N	200	1	1	1	1	1	1
PKT1035	150	70	300	200	1	1	1	1	1	1
PKT1036	30	20	N	150	1	1	1	1	1	1
PKT1037	150	30	N	300	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	g	gr	ff	AK	gm	Pb	3p	Ser	My	d
PKT0989	1	100	1	1	1	1	1	1	1	1
PKT0990	1	100	1	1	1	1	1	1	1	1
PKT0991	1	1	1	1	1	1	1	1	1	1
PKT0992	1	1	1	1	1	1	1	1	1	1
PKT0994	1	100	1	1	1	1	1	1	1	1
PKT0995	1	100	1	1	1	1	1	1	1	1
PKT0996	1	100	1	1	1	1	1	1	1	1
PKT0997	1	100	1	1	1	1	1	1	1	1
PKT0998	100	1	1	1	1	1	1	1	1	1
PKT0999	100	1	1	1	1	1	1	1	1	1
PKT1000	100	1	1	1	1	1	1	1	1	1
PKT1001	100	1	1	1	1	1	1	1	1	1
PKT1002	100	1	1	1	1	1	1	1	1	1
PKT1003	100	1	1	1	1	1	1	1	1	1
PKT1004	100	1	1	1	1	1	1	1	1	1
PKT1005	100	1	1	1	1	1	1	1	1	1
PKT1006	100	1	1	1	1	1	1	1	1	1
PKT1007	100	1	1	1	1	1	1	1	1	1
PKT1008	100	1	1	1	1	1	1	1	1	1
PKT1010	100	1	1	1	1	1	1	1	1	1
PKT1011	100	1	1	1	1	1	1	1	1	1
PKT1012	100	1	1	1	1	1	1	1	1	1
PKT1013	100	1	1	1	1	1	1	1	1	1
PKT1014	100	1	1	1	1	1	1	1	1	1
PKT1015	100	1	1	1	1	1	1	1	1	1
PKT1016	100	1	1	1	1	1	1	1	1	1
PKT1017	1	1	1	100	1	100	1	1	1	1
PKT1018	1	1	1	1	1	1	1	1	1	1
PKT1019	1	100	1	1	1	1	1	1	1	1
PKT1022	1	100	1	1	1	1	1	1	1	1
PKT1023	1	1	1	100	1	1	1	1	1	1
PKT1024	1	1	1	100	1	1	1	1	1	1
PKT1025	1	100	1	1	1	1	1	1	1	1
PKT1026	1	1	1	1	1	1	1	1	1	1
PKT1027	1	100	1	1	1	1	1	1	1	1
PKT1028	1	1	1	1	1	100	1	1	1	1
PKT1029	1	100	1	1	1	1	1	1	1	1
PKT1030	100	1	1	1	1	1	1	1	1	1
PKT1031	1	1	1	1	1	1	1	1	1	1
PKT1032	100	1	1	1	1	1	1	1	1	1
PKT1033	100	1	1	1	1	1	1	1	1	1
PKT1034	100	1	1	1	1	1	1	1	1	1
PKT1035	1	100	1	1	1	1	1	1	1	1
PKT1036	1	100	1	1	1	1	1	1	1	1
PKT1037	1	100	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Ito Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. S	%-ppt. S	Cu-ppt. S	Ti-ppt. S	Mn-ppt. S	Ag-ppt. S	B-ppt. S	Ba-ppt. S	Be-ppt. S
PKT1038	31 7 17	111 10 33	5.0	.50	.50	.20	1,500	1.5	300	1,000	3.0
PKT1039	31 7 17	111 10 33	5.0	.50	.70	.30	1,500	<.5	200	1,000	2.0
PKT1040	31 7 16	111 10 32	3.0	.50	.70	.50	1,500	1.5	300	1,000	1.5
PKT1041	31 7 20	111 10 34	10.0	.70	.50	.50	2,000	.7	200	1,500	3.0
PKT1042	31 7 20	111 10 35	10.0	.70	.50	.70	2,000	1.5	300	1,500	3.0
PKT1043	31 7 19	111 10 35	15.0	1.00	.50	.70	2,000	1.5	700	1,500	3.0
PKT1044	31 5 59	111 10 27	7.0	1.50	.50	.50	1,500	<.5	1,500	2,000	2.0
PKT1045	31 7 0	111 10 26	7.0	.70	.30	.20	2,000	N	700	1,500	2.0
PKT1046	31 7 0	111 10 25	7.0	.70	.30	.30	1,500	N	700	1,500	2.0
PKT1047	31 6 57	111 10 24	10.0	1.50	.50	.50	3,000	1.5	700	1,500	2.0
PKT1048	31 6 57	111 10 23	2.0	1.50	.50	.50	>5,000	3.0	700	2,000	2.0
PKT1049	31 6 58	111 10 22	7.0	1.50	1.00	.20	>5,000	3.0	500	1,500	2.0
PKT1050	31 6 58	111 10 21	10.0	.70	.70	.50	2,000	5.0	1,000	1,500	1.5
PKT1051	31 6 58	111 10 21	10.0	.70	.20	.30	2,000	5.0	1,000	1,500	2.0
PKT1053	31 6 58	111 10 19	5.0	.70	.20	.50	1,000	1.0	1,000	2,000	2.0
PKT1054	31 6 57	111 10 19	3.0	.70	.30	.50	1,000	.7	1,500	2,000	2.0
PKT1055	31 6 57	111 10 18	7.0	1.00	.30	.30	2,000	<.5	500	1,500	1.5
PKT1056	31 6 53	111 10 21	10.0	1.00	.30	.50	2,000	<.5	150	2,000	2.0
PKT1057	31 6 54	111 10 20	7.0	1.00	.30	.50	1,500	.5	200	2,000	3.0
PKT1058	31 6 54	111 10 19	10.0	1.50	.30	.50	3,000	3.0	700	2,000	1.5
PKT1059	31 6 54	111 10 18	10.0	1.00	.30	.50	1,500	<.5	150	2,000	2.0
PKT1060	31 6 54	111 10 17	10.0	1.50	.20	.50	1,500	.5	700	1,500	2.0
PKT1061	31 6 54	111 10 16	7.0	1.50	.30	.30	1,500	<.5	300	3,000	2.0
PKT1062	31 6 54	111 10 15	7.0	1.50	.30	.30	1,500	<.5	500	2,000	1.5
PKT1063	31 6 54	111 10 14	10.0	1.50	.30	.30	1,500	<.5	300	2,000	1.5
PKT1064	31 6 54	111 10 13	10.0	1.00	.70	.50	1,500	1.5	200	2,000	1.5
PKT1065	31 6 54	111 10 12	10.0	1.50	.30	.70	1,500	1.5	300	2,000	2.0
PKT1066	31 6 54	111 10 12	7.0	.70	.30	.50	1,000	<.5	700	2,000	2.0
PKT1067	31 6 54	111 10 12	5.0	.70	.30	.30	1,500	300.0	1,500	1,500	5.0
PKT1068	31 6 53	111 10 10	10.0	.70	.70	.50	1,500	N	300	2,000	3.0
PKT1069	31 6 55	111 10 9	10.0	.70	.70	.30	1,500	N	300	1,500	2.0
PKT1070	31 6 56	111 10 9	7.0	.70	.50	.30	1,500	N	200	1,500	3.0
PKT1071	31 5 56	111 10 9	7.0	1.00	.70	.40	1,500	N	1,000	2,000	2.0
PKT1072	31 7 16	111 10 37	10.0	1.00	.50	.50	1,500	<.5	2,000	2,000	3.0
PKT1073	31 7 15	111 10 37	10.0	1.50	.70	.50	3,000	1.0	1,500	2,000	3.0
PKT1074	31 7 14	111 10 38	10.0	1.00	1.00	.50	5,000	1.0	1,500	1,500	2.0
PKT1075	31 7 14	111 10 38	7.0	.70	.70	.20	3,000	<.5	700	1,500	3.0
PKT1076	31 7 13	111 10 38	7.0	1.00	.70	.50	3,000	.5	1,000	2,000	3.0
PKT1077	31 7 12	111 10 39	5.0	.50	1.00	.20	3,000	N	700	1,500	3.0
PKT1078	31 7 12	111 10 40	10.0	1.50	.70	.70	3,000	1.5	1,500	2,000	3.0
PKT1079	31 7 12	111 10 40	7.0	1.00	.70	.30	3,000	.5	1,000	1,500	2.0
PKT1080	31 7 11	111 10 41	7.0	1.50	.30	.50	2,000	2.0	500	1,500	2.0
PKT1081	31 7 11	111 10 42	7.0	1.50	.20	.50	1,500	2.0	300	2,000	2.0
PKT1082	31 7 11	111 10 43	7.0	1.50	1.50	.30	3,000	2.0	150	1,500	3.0
PKT1083	31 7 10	111 10 44	7.0	.70	.70	.30	3,000	N	300	1,500	2.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Bi-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT1038	50	15	30	150	70	<5	10	150	7	N	100
PKT1039	N	10	30	70	70	<5	15	30	10	N	100
PKT1040	<10	10	30	70	70	7	15	150	15	N	100
PKT1041	10	15	30	100	70	15	20	150	15	<10	100
PKT1042	15	15	50	150	70	15	20	150	15	<10	100
PKT1043	30	15	70	150	70	20	30	300	15	<10	300
PKT1044	N	7	20	70	100	7	N	100	15	<10	300
PKT1045	N	7	15	70	150	<5	7	30	7	N	100
PKT1046	"	7	15	30	100	<5	5	150	10	N	100
PKT1047	<10	15	20	300	100	10	15	150	15	10	200
PKT1048	<10	30	20	700	100	30	10	200	15	15	300
PKT1049	<10	50	15	500	70	7	7	150	7	<10	150
PKT1050	30	10	30	300	100	20	5	500	15	20	200
PKT1051	70	15	30	200	100	20	<5	300	7	15	150
PKT1053	N	15	15	300	100	5	<5	150	15	10	300
PKT1054	N	10	20	150	150	5	10	70	15	10	300
PKT1055	30	15	30	150	100	7	15	150	15	<10	200
PKT1056	N	15	15	300	150	20	N	150	15	10	200
PKT1057	N	15	15	300	100	100	<5	150	15	15	300
PKT1058	<10	15	20	700	100	30	N	150	15	15	200
PKT1059	N	7	30	70	100	7	5	100	15	<10	200
PKT1060	N	7	15	150	100	7	N	70	10	<10	150
PKT1061	N	7	15	150	150	5	N	70	15	10	300
PKT1062	N	7	30	150	150	<5	7	100	15	<10	300
PKT1063	"	7	30	50	150	5	10	150	15	10	300
PKT1064	<10	10	20	150	150	7	5	100	15	15	200
PKT1065	<10	7	30	100	150	7	5	100	15	10	300
PKT1066	N	5	15	50	100	5	5	50	15	<10	200
PKT1067	10	30	100	N	100	30	10	N	100	70	100
PKT1068	N	7	20	70	150	<5	10	50	15	N	200
PKT1069	N	5	15	15	70	<5	7	30	7	N	150
PKT1070	N	5	15	70	100	5	5	30	10	N	100
PKT1071	N	7	20	50	150	5	7	50	15	30	300
PKT1072	<10	50	20	150	150	20	7	100	15	15	150
PKT1073	<10	50	50	150	150	15	15	150	15	15	200
PKT1074	N	20	30	100	150	<5	15	100	15	<10	100
PKT1075	<10	15	30	50	100	<5	15	70	10	N	100
PKT1076	N	10	30	70	150	<5	15	100	15	<10	150
PKT1077	N	5	<10	50	100	N	5	30	7	N	100
PKT1078	N	10	30	150	150	10	10	100	15	15	300
PKT1079	<10	7	15	30	150	10	10	150	10	<10	200
PKT1080	<10	5	10	30	100	<5	5	300	10	N	200
PKT1081	N	7	10	70	150	<5	5	500	15	<10	300
PKT1082	N	7	30	70	150	20	15	300	15	N	200
PKT1083	N	5	20	30	100	N	10	100	7	N	150

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo Guarangle, northern Sonora, Mexico.--continued

Sample	V-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fo	ss	Tbr	si	Ry	Gr
PKT1033	100	30	300	100	1	1	1	1	1	1
PKT1039	150	30	200	15	1	1	1	1	1	1
PKT1040	100	30	N	200	1	1	1	1	1	1
PKT1041	150	50	200	150	1	1	1	1	1	1
PKT1042	150	50	200	300	1	1	1	1	1	1
PKT1043	150	30	N	300	1	1	1	1	1	1
PKT1044	70	70	500	300	1	1	1	1	1	1
PKT1045	70	70	300	200	1	1	1	1	1	1
PKT1046	70	50	<200	30	1	1	1	1	1	1
PKT1047	70	70	1,500	150	1	1	1	1	1	1
PKT1048	70	70	1,000	200	1	1	1	1	1	1
PKT1049	70	50	500	150	1	1	1	1	1	1
PKT1050	70	150	300	300	1	1	1	1	1	1
PKT1051	70	30	300	200	1	1	1	1	1	1
PKT1053	70	50	N	20	1	1	1	1	1	1
PKT1054	70	100	N	300	1	1	1	1	1	1
PKT1055	70	70	<200	150	1	1	1	1	1	1
PKT1056	70	70	1,000	300	1	1	1	1	1	1
PKT1057	70	70	N	300	1	1	1	1	1	1
PKT1058	70	70	200	300	1	1	1	1	1	1
PKT1059	70	70	N	300	1	1	1	1	1	1
PKT1060	70	70	N	200	1	1	1	1	1	1
PKT1061	70	70	N	20	1	1	1	1	1	1
PKT1062	70	70	200	150	1	1	1	1	1	1
PKT1063	100	70	200	300	1	1	1	1	1	1
PKT1064	70	70	N	300	1	1	1	1	1	1
PKT1065	100	70	N	300	1	1	1	1	1	1
PKT1066	70	70	N	200	1	1	1	1	1	1
PKT1067	70	30	N	200	1	1	1	1	1	1
PKT1068	70	70	N	300	1	1	1	1	1	1
PKT1069	70	50	N	300	1	1	1	1	1	1
PKT1070	70	50	N	300	1	1	1	1	1	1
PKT1071	150	70	N	200	1	1	1	1	1	1
PKT1072	100	70	N	500	1	1	1	1	1	1
PKT1073	150	100	500	300	1	1	1	1	1	1
PKT1074	100	70	N	200	1	1	1	1	1	1
PKT1075	70	50	N	200	1	1	1	1	1	1
PKT1076	150	70	N	300	1	1	1	1	1	1
PKT1077	70	50	N	200	1	1	1	1	1	1
PKT1078	100	150	500	500	1	1	1	1	1	1
PKT1079	70	70	N	30	1	1	1	1	1	1
PKT1080	100	50	N	30	1	1	1	1	1	1
PKT1081	150	70	N	20	1	1	1	1	1	1
PKT1082	150	70	N	20	1	1	1	1	1	1
PKT1083	70	50	N	15	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

sample	u	ur	ff	As	qm	fb	qp	Ser	My	d
PKT1035	1	100	1	1	1	1	1	1	1	1
PKT1039	1	100	1	1	1	1	1	1	1	1
PKT1040	1	100	1	1	1	1	1	1	1	1
PKT1041	100	1	1	1	1	1	1	1	1	1
PKT1042	100	1	1	1	1	1	1	1	1	1
PKT1043	100	1	1	1	1	1	1	1	1	1
PKT1044	1	1	1	100	1	1	1	1	1	1
PKT1045	1	1	1	100	1	1	1	1	1	1
PKT1046	1	1	1	100	1	1	1	1	1	1
PKT1047	1	100	1	1	1	1	1	1	1	1
PKT1048	1	1	1	100	1	1	1	1	1	1
PKT1049	1	1	1	100	1	1	1	1	1	1
PKT1050	1	1	1	1	100	1	1	1	1	1
PKT1051	1	1	1	1	100	1	1	1	1	1
PKT1053	1	1	1	1	100	1	1	1	1	1
PKT1054	1	1	1	1	100	1	1	1	1	1
PKT1055	1	1	1	1	100	1	1	1	1	1
PKT1056	1	1	1	1	100	1	1	1	1	1
PKT1057	1	1	1	1	100	1	1	1	1	1
PKT1058	1	1	1	1	100	1	1	1	1	1
PKT1059	1	1	1	1	100	1	1	1	1	1
PKT1060	1	1	1	1	100	1	1	1	1	1
PKT1061	1	1	1	100	1	1	1	1	1	1
PKT1062	1	1	1	1	100	1	1	1	1	1
PKT1063	1	1	1	100	1	1	1	1	1	1
PKT1064	1	1	1	100	1	1	1	1	1	1
PKT1065	1	100	1	1	1	1	1	1	1	1
PKT1066	1	1	1	100	1	1	1	1	1	1
PKT1067	1	1	1	100	1	1	1	1	1	1
PKT1068	1	1	1	100	1	1	1	1	1	1
PKT1069	1	1	1	100	1	1	1	1	1	1
PKT1070	1	1	1	100	1	1	1	1	1	1
PKT1071	1	1	1	100	1	1	1	1	1	1
PKT1072	1	100	1	1	1	1	1	1	1	1
PKT1073	1	100	1	1	1	1	1	1	1	1
PKT1074	1	100	1	1	1	1	1	1	1	1
PKT1075	1	100	1	1	1	1	1	1	1	1
PKT1076	1	100	1	1	1	1	1	1	1	1
PKT1077	1	100	1	1	1	1	1	1	1	1
PKT1078	1	100	1	1	1	1	1	1	1	1
PKT1079	1	100	1	1	1	1	1	1	1	1
PKT1080	1	100	1	1	1	1	1	1	1	1
PKT1081	1	100	1	1	1	1	1	1	1	1
PKT1082	1	100	1	1	1	1	1	1	1	1
PKT1083	1	1	1	100	1	1	1	1	1	1



Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Rio Flaco area, El Correo cuadrangulo, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. S	Mg-ppt. S	Ca-ppt. S	Ti-ppt. S	Mn-ppm S	Ag-ppm S	B-ppm S	Ba-ppm S	Be-ppm S
PKT1084	31 7 10	111 10 45	7.0	1.50	1.50	.30	>5,000	1.5	70	1,500	3.0
PKT1085	31 7 9	111 10 45	7.0	1.00	.70	.30	5,000	1.0	150	1,500	3.0
PKT1086	31 7 9	111 10 46	3.0	1.50	.70	.30	1,500	1.0	300	1,500	3.0
PKT1087	31 7 8	111 10 46	5.0	1.00	.50	.20	5,000	<.5	50	700	3.0
PKT1088	31 7 8	111 10 47	7.0	1.50	.50	.30	3,000	<.5	150	1,000	2.0
PKT1089	31 7 7	111 10 47	7.0	1.50	.70	.30	5,000	.7	150	1,000	2.0
PKT1090	31 7 11	111 10 34	5.0	.70	.50	.30	1,500	<.5	300	1,500	2.0
PKT1091	31 7 11	111 10 35	7.0	.70	.30	.70	1,500	<.5	700	1,500	1.5
PKT1092	31 7 10	111 10 36	10.0	1.00	.50	.50	2,000	<.5	1,500	2,000	1.5
PKT1093	31 7 10	111 10 37	7.0	1.50	.70	.70	2,000	<.5	2,000	2,000	2.0
PKT1094	31 7 10	111 10 38	10.0	1.00	.30	.30	2,000	<.5	1,000	2,000	1.5
PKT1095	31 7 9	111 10 38	10.0	.70	.30	.30	1,500	<.5	1,500	1,500	1.5
PKT1096	31 7 9	111 10 39	10.0	.70	.20	.30	1,500	1.5	1,000	1,500	1.5
PKT1097	31 7 9	111 10 40	5.0	.70	.20	.30	1,500	<.5	700	1,500	1.5
PKT1098	31 7 8	111 10 41	5.0	1.00	.30	.30	2,000	<.5	200	1,500	2.0
PKT1099	31 7 8	111 10 41	5.0	.70	.30	.20	2,000	N	100	700	2.0
PKT1100	31 7 7	111 10 42	7.0	1.50	.70	.70	5,000	<.5	150	1,000	3.0
PKT1101	31 7 7	111 10 43	10.0	<.00	.70	.50	2,000	2.0	300	1,500	2.0
PKT1102	31 7 6	111 10 44	5.0	.70	.70	.20	3,000	<.5	150	700	3.0
PKT1103	31 7 4	111 10 44	3.0	.70	3.00	.20	5,000	<.5	500	700	3.0
PKT1104	31 7 4	111 10 43	7.0	1.00	.50	.20	1,500	3.0	1,500	1,000	2.0
PKT1105	31 7 4	111 10 42	10.0	1.50	1.50	.50	2,000	<.5	300	1,500	3.0
PKT1106	31 7 4	111 10 41	3.0	.30	.70	.20	3,000	N	150	700	3.0
PKT1107	31 7 5	111 10 40	5.0	1.50	1.00	.50	3,000	.5	500	1,500	3.0
PKT1108	31 7 5	111 10 40	3.0	.50	.50	.15	1,500	N	150	700	3.0
PKT1109	31 7 6	111 10 39	5.0	1.50	.50	.50	2,000	<.5	300	1,500	3.0
PKT1110	31 7 6	111 10 38	5.0	1.00	.70	.50	1,500	<.5	>2,000	700	3.0
PKT1111	31 7 6	111 10 37	10.0	1.50	.50	.50	1,500	1.5	>2,000	1,000	3.0
PKT1112	31 7 7	111 10 36	3.0	1.50	.30	.50	1,000	1.0	>2,000	2,000	3.0
PKT1113	31 7 6	111 10 34	7.0	.70	.30	.30	2,000	.7	700	1,500	2.0
PKT1114	31 7 7	111 10 35	7.0	1.00	.70	.30	1,500	1.0	1,000	3,000	2.0
PKT1115	31 7 8	111 10 35	3.0	1.00	.30	.50	1,500	3.0	700	3,000	2.0
PKT1116	31 7 9	111 10 33	7.0	1.50	.70	.70	1,500	3.0	1,500	2,000	3.0
PKT1117	31 7 9	111 10 33	5.0	.70	.30	.80	1,000	3.0	700	1,500	3.0
PKT1118	31 7 12	111 10 35	3.0	1.00	.30	.70	1,000	.5	1,500	3,000	3.0
PKT1119	31 7 12	111 10 36	3.0	1.00	.30	.50	2,000	1.0	1,500	3,000	2.0
PKT1120	31 7 12	111 10 37	5.0	.70	.70	.20	3,000	<.5	2,000	1,500	3.0
PKT1121	31 7 12	111 10 38	5.0	1.50	.70	1.00	1,500	2.0	1,500	3,000	2.0
PKT1122	31 7 8	111 10 30	7.0	1.50	.70	.30	2,000	2.0	1,000	1,500	2.0
PKT1123	31 7 7	111 10 30	7.0	.70	.30	.30	700	.5	700	1,500	1.5
PKT1124	31 7 7	111 10 31	7.0	1.00	1.00	.30	1,500	.5	700	1,500	2.0
PKT1125	31 7 6	111 10 31	7.0	1.00	.50	.50	1,500	1.5	1,500	1,500	3.0
PKT1126	31 7 5	111 10 32	7.0	1.00	.50	.70	1,500	1.5	2,000	1,500	3.0
PKT1127	31 7 5	111 10 32	7.0	1.50	.70	.50	1,500	1.0	1,000	1,500	2.0
PKT1128	31 7 4	111 10 33	7.0	1.00	.30	.70	1,000	1.0	1,500	1,000	2.0

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. Detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	Al-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT1064	N	7	30	30	150	N	15	150	10	N	150
PKT1065	N	10	30	15	150	<5	15	150	10	N	150
PKT1066	N	5	50	50	150	<5	5	150	15	N	200
PKT1067	N	7	30	15	150	N	10	150	7	N	100
PKT1068	N	7	20	15	150	<5	7	100	150	N	200
PKT1069	<10	10	30	30	150	<5	10	150	15	N	150
PKT1070	N	7	20	30	70	<5	10	100	15	N	150
PKT1071	N	15	50	50	100	5	15	100	15	N	200
PKT1072	<10	15	20	70	150	7	10	150	15	<10	100
PKT1073	<10	15	30	150	150	5	10	150	15	15	300
PKT1074	N	7	30	150	150	7	7	100	15	15	200
PKT1075	<10	7	20	70	100	5	5	100	70	10	100
PKT1076	<10	7	<10	100	150	7	<5	300	10	<10	100
PKT1077	N	5	<10	20	150	<5	5	150	15	N	150
PKT1078	N	5	20	30	150	<5	7	150	7	N	150
PKT1079	N	7	20	20	150	N	7	150	7	N	100
PKT1100	N	10	50	30	150	<5	15	200	10	N	200
PKT1101	10	10	30	100	100	70	10	1,000	10	N	200
PKT1102	N	5	20	15	100	<5	7	150	7	N	100
PKT1103	N	5	15	15	200	N	10	100	7	N	150
PKT1104	<10	7	15	70	100	5	<5	200	7	N	150
PKT1105	N	10	50	30	150	<5	10	150	15	N	300
PKT1106	N	5	15	5	150	N	7	70	7	N	100
PKT1107	N	7	50	20	150	<5	15	150	15	N	300
PKT1108	N	5	<10	7	100	N	7	70	7	N	100
PKT1109	N	7	20	20	100	10	10	150	15	<10	200
PKT1110	N	7	15	30	70	<5	7	70	15	<10	150
PKT1111	<10	20	30	70	100	30	30	150	15	30	200
PKT1112	<10	20	15	100	150	20	5	200	15	30	200
PKT1113	<10	20	50	100	100	<5	15	150	10	<10	100
PKT1113	<10	15	20	150	100	7	5	150	10	<10	300
PKT1114	<10	15	15	150	100	5	5	700	15	15	300
PKT1115	15	50	30	300	150	30	15	300	15	15	300
PKT1117	15	15	10	300	150	30	N	2,000	15	30	200
PKT1118	<10	10	15	100	150	5	<5	150	15	10	200
PKT1119	<10	15	10	70	150	<5	N	150	15	10	200
PKT1120	N	10	<10	50	100	<5	7	70	7	N	100
PKT1121	<10	10	150	150	150	7	15	150	15	10	300
PKT1122	70	15	30	150	200	30	15	300	15	<10	300
PKT1123	<10	15	20	70	70	10	7	150	15	<10	200
PKT1124	N	7	15	70	100	15	30	150	15	<10	200
PKT1125	15	15	20	100	150	30	7	200	15	20	300
PKT1126	15	15	30	150	150	50	5	300	15	30	300
PKT1127	N	20	30	200	150	30	7	200	15	15	200
PKT1128	30	15	30	200	150	30	7	150	15	15	300

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	Y-ppm s	Y-ppm s	Zn-ppm s	Zr-ppm s	fu	ss	Tor	si	Ry	Gr
PKT1064	100	70	N	300	1	1	1	1	1	1
PKT1065	100	50	N	20	1	1	1	1	1	1
PKT1066	70	150	N	30	1	1	1	1	1	1
PKT1067	70	70	N	200	1	1	1	1	1	1
PKT1068	100	100	200	200	1	1	1	1	1	1
PKT1069	150	70	N	200	1	1	1	1	1	1
PKT1070	70	50	N	50	1	1	1	1	100	1
PKT1071	100	30	200	300	1	1	1	1	1	1
PKT1072	70	200	N	200	1	1	1	1	1	1
PKT1073	100	70	200	300	1	1	1	1	1	1
PKT1074	100	70	N	300	1	1	1	1	1	1
PKT1075	70	30	N	150	1	1	1	1	1	1
PKT1076	70	30	N	150	1	1	1	1	1	1
PKT1077	70	50	N	150	1	1	1	1	1	1
PKT1078	70	70	N	300	1	1	1	1	1	1
PKT1079	70	70	N	200	1	1	1	1	1	1
PKT1100	100	100	N	300	1	1	1	1	1	1
PKT1101	150	70	300	300	1	1	1	1	1	1
PKT1102	70	70	N	150	1	1	1	1	1	1
PKT1103	70	50	N	150	1	1	1	1	1	1
PKT1104	70	70	N	300	1	1	1	1	1	1
PKT1105	150	70	N	300	1	1	1	1	1	1
PKT1106	70	50	N	200	1	1	1	1	1	1
PKT1107	150	70	N	500	1	1	1	1	1	1
PKT1108	50	50	N	100	1	1	1	1	1	1
PKT1109	70	70	N	300	1	1	1	1	1	1
PKT1110	70	70	N	200	1	1	1	1	1	1
PKT1111	150	100	300	300	1	1	1	1	1	1
PKT1112	70	70	N	300	1	1	1	1	1	1
PKT1113	70	70	1,500	200	1	1	1	1	1	1
PKT1114	100	70	<200	300	1	1	1	1	1	1
PKT1115	100	70	700	300	1	1	1	1	1	1
PKT1116	100	50	700	700	1	1	1	1	1	1
PKT1117	100	<50	500	50	1	1	1	1	1	1
PKT1118	100	70	N	500	1	1	1	1	100	1
PKT1119	70	70	N	200	1	1	1	1	1	1
PKT1120	70	50	200	15	1	1	1	1	1	1
PKT1121	70	70	300	300	1	1	1	1	1	1
PKT1122	100	70	500	300	1	1	1	1	100	1
PKT1123	70	50	500	200	1	1	1	1	1	1
PKT1124	70	50	N	300	1	1	1	1	1	1
PKT1125	150	100	1,500	300	1	1	1	1	1	1
PKT1126	100	100	1,500	300	1	1	1	1	1	1
PKT1127	100	100	2,000	300	1	1	1	1	1	1
PKT1128	100	70	2,000	300	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrangle, northern Sonora, Mexico.--continued

Sample	u	ur	ff	Ak	Gm	Fb	3L	Ser	My	d
PKT1084	1	1	1	100	1	1	1	1	1	1
PKT1085	1	1	1	100	1	1	1	1	1	1
PKT1086	1	1	1	1	1	1	100	1	1	1
PKT1087	1	1	1	1	1	1	100	1	1	1
PKT1088	1	1	1	1	1	1	100	1	1	1
PKT1089	1	1	1	1	1	1	100	1	1	1
PKT1090	1	1	1	1	1	1	1	1	1	1
PKT1091	1	100	1	1	1	1	1	1	1	1
PKT1092	1	100	1	1	1	1	1	1	1	1
PKT1093	1	100	1	1	1	1	1	1	1	1
PKT1094	1	100	1	1	1	1	1	1	1	1
PKT1095	1	100	1	1	1	1	1	1	1	1
PKT1096	1	100	1	1	1	1	1	1	1	1
PKT1097	1	100	1	1	1	1	1	1	1	1
PKT1098	1	1	1	1	1	1	100	1	1	1
PKT1099	1	1	1	1	1	1	100	1	1	1
PKT1100	1	1	1	1	1	1	100	1	1	1
PKT1101	1	1	1	1	1	1	100	1	1	1
PKT1102	1	1	1	1	1	1	100	1	1	1
PKT1103	1	1	1	1	1	1	100	1	1	1
PKT1104	1	1	1	1	1	1	100	1	1	1
PKT1105	1	1	1	1	1	1	100	1	1	1
PKT1106	1	1	1	1	1	1	100	1	1	1
PKT1107	1	1	1	1	1	1	100	1	1	1
PKT1108	1	1	1	1	1	1	1	100	1	1
PKT1109	1	100	1	1	1	1	1	1	1	1
PKT1110	1	100	1	1	1	1	1	1	1	1
PKT1111	1	100	1	1	1	1	1	1	1	1
PKT1112	1	100	1	1	1	1	1	1	1	1
PKT1113	1	100	1	1	1	1	1	1	1	1
PKT1114	1	100	1	1	1	1	1	1	1	1
PKT1115	1	100	1	1	1	1	1	1	1	1
PKT1116	1	100	1	1	1	1	1	1	1	1
PKT1117	1	1	1	100	1	1	1	1	1	1
PKT1118	1	1	1	1	1	1	1	1	1	1
PKT1119	1	100	1	1	1	1	1	1	1	1
PKT1120	1	100	1	1	1	1	1	1	1	1
PKT1121	1	100	1	1	1	1	1	1	1	1
PKT1122	1	1	1	1	1	1	1	1	1	1
PKT1123	1	100	1	1	1	1	1	1	1	1
PKT1124	1	100	1	1	1	1	1	1	1	1
PKT1125	1	100	1	1	1	1	1	1	1	1
PKT1126	1	100	1	1	1	1	1	1	1	1
PKT1127	1	100	1	1	1	1	1	1	1	1
PKT1128	1	100	1	1	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	Latitude	Longitude	Fe-ppt. %	Mg-ppt. %	Ca-ppt. %	Ti-ppt. %	Mn-ppt. %	Ag-ppt. %	B-ppt. %	Ba-ppt. %	de-ppt. %
PKT1129	31 7 3	111 10 33	7.0	1.50	.30	.70	2,000	5.0	>2,000	1,500	2.0
PKT1130	31 7 3	111 10 33	10.0	1.00	.30	.50	1,000	3.0	>2,000	2,000	2.0
PKT1131	31 7 2	111 10 34	7.0	1.00	.70	.50	1,500	3.0	>2,000	2,000	2.0
PKT1132	31 7 1	111 10 34	7.0	1.50	.50	.50	3,000	3.0	>2,000	1,500	1.5
PKT1133	31 7 0	111 10 34	7.0	1.00	.50	.50	3,000	3.0	>2,000	1,500	2.0
PKT1134	31 7 0	111 10 34	15.0	1.50	.70	.50	>5,000	5.0	>2,000	1,500	3.0
PKT1135	31 6 50	111 10 34	7.0	1.50	1.50	.30	>5,000	<.5	700	1,500	2.0
PKT1137	31 6 50	111 10 35	7.0	.70	.30	.15	3,000	<.5	500	1,500	3.0
PKT1138	31 6 57	111 10 35	10.0	1.50	.30	.50	3,000	3.0	2,000	2,000	3.0
PKT1139	31 6 50	111 10 36	7.0	1.50	.30	.30	2,000	1.0	1,500	2,000	2.0
PKT1140	31 6 53	111 10 36	5.0	.70	.30	.30	1,500	<.5	1,500	1,500	1.5
PKT1141	31 6 53	111 10 36	7.0	1.50	.50	.50	1,500	1.5	2,000	3,000	2.0
PKT1142	31 6 54	111 10 36	7.0	1.50	.70	.50	3,000	.5	500	1,500	2.0
PKT1143	31 6 53	111 10 37	5.0	1.50	.70	.50	3,000	1.0	300	1,500	3.0
PKT1144	31 6 53	111 10 37	7.0	1.50	1.00	.30	3,000	.7	200	1,500	2.0
PKT1171	31 7 1	111 10 38	3.0	.70	.70	.30	700	300.0	700	700	N
PKT1172	31 7 0	111 10 39	2.0	.50	.30	.15	700	N	300	500	2.0
PKT1173	31 7 1	111 10 40	2.0	.50	.30	.20	700	N	300	700	1.5
PKT1174	31 7 1	111 10 41	7.0	.70	.70	.30	700	N	300	700	2.0
PKT1175	31 7 2	111 10 42	5.0	.70	.50	.30	700	<.5	500	700	2.0
PKT1176	31 7 2	111 10 43	7.0	.70	.20	.30	700	<.5	300	500	2.0
PKT1177	31 7 1	111 10 43	7.0	.50	.20	.30	500	N	500	300	2.0
PKT1178	31 7 1	111 10 43	7.0	.70	1.50	.30	700	N	300	500	1.5
PKT1179	31 7 0	111 10 43	5.0	.70	.70	.30	700	<.5	300	700	2.0
PKT1180	31 6 50	111 10 40	7.0	.50	.30	.30	700	<.5	1,000	1,000	1.5
PKT1181	31 6 57	111 10 40	5.0	.50	.20	.30	1,000	N	500	700	1.5
PKT1182	31 6 57	111 10 41	3.0	.50	.70	.30	1,500	<.5	700	700	2.0
PKT1183	31 6 56	111 10 42	3.0	.70	.70	.20	1,000	<.5	700	700	2.0
PKT1185	31 6 50	111 10 42	3.0	.50	.50	.15	700	<.5	300	300	1.5
PKT1186	31 6 55	111 10 43	3.0	.50	.30	.20	1,000	.5	300	500	1.5
PKT1187	31 6 54	111 10 43	2.0	.30	.30	.15	1,500	.7	700	700	1.5
PKT1188	31 6 54	111 10 44	2.0	.30	.30	.15	1,500	2.0	1,500	700	1.5
PKT1189	31 6 53	111 10 45	3.0	.50	.30	.20	1,500	1.5	700	700	2.0
PKT1190	31 6 53	111 10 44	3.0	.50	.50	.15	3,000	1.5	500	700	1.5
PKT1191	31 6 53	111 10 43	2.0	.50	.10	.15	700	<.5	200	500	1.5
PKT1192	31 6 53	111 10 42	2.0	.30	.10	.15	500	<.5	300	300	1.5
PKT1193	31 6 53	111 10 41	3.0	.50	.70	.15	700	N	150	700	1.5

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

Sample	As-ppm s	Co-ppm s	Cr-ppm s	Cu-ppm s	La-ppm s	Mo-ppm s	Ni-ppm s	Pb-ppm s	Sc-ppm s	Sn-ppm s	Sr-ppm s
PKT1129	N	<10	20	300	150	30	7	300	15	50	300
PKT1130	<10	10	30	150	150	30	7	150	15	50	300
PKT1131	<10	10	30	150	150	20	7	150	15	10	300
PKT1132	N	7	30	50	150	15	10	150	15	<10	300
PKT1133	15	7	30	70	100	30	10	300	15	<10	200
PKT1134	30	15	>10	150	200	20	15	300	15	<10	150
PKT1135	N	7	30	20	150	7	15	100	15	N	200
PKT1137	N	7	<10	15	100	10	7	150	10	N	100
PKT1138	<10	7	50	70	150	30	15	300	15	15	200
PKT1139	N	7	30	50	150	20	10	150	15	10	300
PKT1140	N	5	<10	20	100	15	5	150	7	<10	100
PKT1141	15	7	30	70	150	30	15	300	15	20	300
PKT1142	N	7	30	20	150	15	15	200	15	15	200
PKT1143	N	7	30	30	150	20	10	300	15	20	300
PKT1144	N	7	30	30	150	10	15	300	15	10	300
PKT1171	N	20	30	100	70	7	150	150	N	200	200
PKT1172	N	N	<10	10	70	N	N	70	5	N	100
PKT1173	N	5	10	20	100	<5	N	100	5	N	150
PKT1174	N	7	15	50	100	7	7	150	7	N	200
PKT1175	N	7	10	50	70	7	7	150	7	N	150
PKT1176	<10	7	<10	50	70	7	5	150	7	N	100
PKT1177	N	7	<10	30	70	5	5	70	7	N	100
PKT1178	N	7	15	30	70	7	<5	100	7	N	300
PKT1179	N	7	15	30	100	15	5	150	7	<10	200
PKT1180	<10	5	20	30	50	7	10	150	7	<10	150
PKT1181	<10	<5	10	30	70	7	5	100	7	N	100
PKT1182	<10	5	<10	30	70	<5	7	150	7	N	150
PKT1184	<10	5	<10	15	70	5	7	150	7	N	150
PKT1185	<10	<5	10	15	70	5	5	150	5	N	150
PKT1186	<10	5	10	15	70	7	5	150	5	N	150
PKT1187	<10	7	<10	50	70	7	15	150	5	N	150
PKT1188	10	7	<10	50	70	7	7	200	7	N	150
PKT1189	N	7	10	30	70	7	7	200	7	N	150
PKT1190	N	7	<10	30	100	7	7	150	7	N	150
PKT1191	N	N	<10	7	70	7	N	150	5	N	150
PKT1192	N	N	<10	7	50	7	N	100	5	N	100
PKT1193	N	5	<10	10	50	7	N	70	7	N	150

Table 2. Analytical data for soil samples collected during the U.S.G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo quadrangle, northern Sonora, Mexico.--continued

sample	v- $\mu$ m s	Y-ppm s	Zn-ppm s	Zr-ppm s	tp	ss	Tbr	si	Ry	Gr
PKT1129	150	70	1,500	300	1	1	1	1	1	1
PKT1130	100	70	N	300	1	1	1	1	1	1
PKT1131	100	70	N	300	1	1	1	1	1	1
PKT1132	100	70	N	200	1	1	1	1	1	1
PKT1133	150	70	N	30	1	1	1	1	1	1
PKT1134	150	70	N	200	1	1	1	1	1	1
PKT1135	100	70	200	150	1	1	1	1	1	1
PKT1137	70	70	N	150	1	1	1	1	1	1
PKT1138	100	100	N	200	1	1	1	1	1	1
PKT1139	100	70	N	300	1	1	1	1	1	1
PKT1140	70	30	N	150	1	1	1	1	1	1
PKT1141	150	70	N	200	1	1	1	1	1	1
PKT1142	150	70	N	300	1	1	1	1	1	1
PKT1143	150	70	N	50	1	1	1	1	1	1
PKT1144	100	50	N	20	1	1	1	1	1	1
PKT1171	70	N	300	300	1	1	1	1	1	1
PKT1172	30	30	N	150	1	1	1	1	1	1
PKT1173	50	50	N	20	1	1	1	1	1	1
PKT1174	100	50	N	150	1	1	1	1	1	1
PKT1175	100	50	N	200	1	1	1	1	1	1
PKT1176	100	50	N	150	1	1	1	1	1	1
PKT1177	100	30	N	150	1	1	1	1	1	1
PKT1178	150	30	N	15	1	1	1	1	1	1
PKT1179	100	70	N	300	1	1	1	1	1	1
PKT1180	70	50	N	50	1	1	1	1	1	1
PKT1181	70	30	N	150	1	1	1	1	1	1
PKT1182	70	30	N	200	1	1	1	1	1	1
PKT1184	70	30	N	150	1	1	1	1	1	1
PKT1185	70	30	N	150	1	1	1	1	1	1
PKT1186	70	30	N	150	1	1	1	1	1	1
PKT1187	50	30	N	15	1	1	1	1	1	1
PKT1188	70	30	N	150	1	1	1	1	1	1
PKT1189	70	50	N	150	1	1	1	1	1	1
PKT1190	70	30	N	150	1	1	1	1	1	1
PKT1191	20	30	N	15	1	1	1	1	1	1
PKT1192	30	30	N	15	1	1	1	1	1	1
PKT1193	70	20	N	150	1	1	1	1	1	1

Table 2. Analytical data for soil samples collected during the U.S.-G.S.-C.R.M. detailed study of the Tio Flaco area, El Correo cuadrante, northern Sonora, Mexico.--continued

Sample	G	sr	ff	Ak	Qm	Fb	3p	Ser	My	d
PKT1129	1	100	1	1	1	1	1	1	1	1
PKT1130	1	100	1	1	1	1	1	1	1	1
PKT1131	1	100	1	1	1	1	1	1	1	1
PKT1132	1	1	1	100	1	1	1	1	1	1
PKT1133	1	1	1	100	1	1	1	1	1	1
PKT1134	1	1	1	100	1	1	1	1	1	1
PKT1135	1	1	1	100	1	1	1	1	1	1
PKT1137	1	1	1	100	1	1	1	1	1	1
PKT1138	1	1	1	100	1	1	1	1	1	1
PKT1139	1	1	1	100	1	1	1	1	1	1
PKT1140	1	100	1	1	1	1	1	1	1	1
PKT1141	1	100	1	1	1	1	1	1	1	1
PKT1142	1	1	1	100	1	1	1	1	1	1
PKT1143	1	1	1	100	1	1	1	1	1	1
PKT1144	1	1	1	100	1	1	1	1	1	1
PKT1171	1	1	1	1	1	1	1	1	100	1
PKT1172	1	1	1	1	1	1	1	1	100	1
PKT1173	1	1	1	1	1	1	100	1	1	1
PKT1174	1	1	1	1	1	1	100	1	1	1
PKT1175	1	1	1	1	1	1	100	1	1	1
PKT1176	1	1	1	1	1	1	100	1	1	1
PKT1177	1	1	1	1	1	1	100	1	1	1
PKT1178	1	1	1	1	1	1	100	1	1	1
PKT1179	1	1	1	1	1	1	1	100	1	1
PKT1180	1	1	1	1	100	1	1	1	1	1
PKT1181	1	1	1	1	100	1	1	1	1	1
PKT1182	1	1	1	1	100	1	1	1	1	1
PKT1184	1	1	1	100	1	1	1	1	1	1
PKT1185	1	1	1	100	1	1	1	1	1	1
PKT1186	1	1	1	1	1	1	1	100	1	1
PKT1187	1	1	1	1	1	1	1	100	1	1
PKT1188	1	1	1	1	1	1	100	1	1	1
PKT1189	1	1	1	1	1	1	100	1	1	1
PKT1190	1	1	1	1	1	1	100	1	1	1
PKT1191	1	1	1	1	1	1	100	1	1	1
PKT1192	1	1	1	1	1	1	1	100	1	1
PKT1193	1	1	1	1	1	1	1	1	1	100



**TABLE 3.--Limits of determination for the spectrographic analysis  
of stream sediments and soils based on a 10-mg sample**

Elements	Lower determination limit	Upper determination limit
Percent		
Iron (Fe)	0.05	20
Magnesium (Mg)	.02	10
Calcium (Ca)	.05	20
Titanium (Ti)	.002	1
Parts per million		
Manganese (Mn)	10	5,000
Silver (Ag)	0.5	5,000
Arsenic (As)	200	10,000
Gold (Au)	10	500
Boron (B)	10	2,000
Barium (Ba)	20	5,000
Beryllium (Be)	1	1,000
Bismuth (Bi)	10	1,000
Cadmium (Cd)	20	500
Cobalt (Co)	5	2,000
Chromium (Cr)	10	5,000
Copper (Cu)	5	20,000
Lanthanum (La)	20	1,000
Molybdenum (Mo)	5	2,000
Niobium (Nb)	20	2,000
Nickel (Ni)	5	5,000
Lead (Pb)	10	20,000
Antimony (Sb)	100	10,000
Scandium (Sc)	5	100
Tin (Sn)	10	1,000
Strontium (Sr)	100	5,000
Vanadium (V)	10	10,000
Tungsten (W)	50	10,000
Yttrium (Y)	10	2,000
Zinc (Zn)	200	10,000
Zirconium (Zr)	10	1,000
Thorium (Th)	100	2,000

**Table 4.--Field identification of rock units associated with soil samples in the Tio Flaco study area, El Correo quadrangle, northern Sonora, Mexico**

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<u>Code in Table 2</u>	<u>Rock Type</u>
fP	feldspar porphyry
SS	sandstone
Tbr	tourmaline Br
Si	siliceous rock
Ry	rhyolite
Gr	granite
Q	quartzite
Br	breccia
ff	foliated feldspathic rock
Ak	arkose (volcaniclastic)
Qm	quartz monzonite
Fb	flow banded arkose (volcaniclastic)
Qp	quartz porphyry
Ser	sericite
My	mylonite
d	diorite

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100 in Table 2 indicates the rock is present at the sample site.

1 in Table 2 indicates the rock is not present at the sample site.