

UNITED STATES DEPARTMENT OF THE INTERIOR  
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Analytical results for gold in 1412 stream-sediment samples  
from the Richfield 1° x 2° quadrangle, Utah

By

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## Introduction

The Richfield quadrangle (fig. 1) in west-central Utah covers the eastern part of the Pioche-Marysville igneous and mineral belt that extends from the vicinity of Pioche in southeastern Nevada, east-northeastward for 250 km into central Utah. The western two-thirds of the Richfield quadrangle is in the Basin and Range Province; the eastern third is in the High Plateaus of Utah subprovince of the Colorado Plateau.

Bedrock in the northern part of the Richfield quadrangle consists predominantly of latest Precambrian and Paleozoic sedimentary strata that were thrust eastward during the Sevier orogeny in Cretaceous time onto an autochthon of Mesozoic sedimentary rocks in the eastern part of the quadrangle. The southern part of the quadrangle is largely underlain by Oligocene and younger volcanic rocks and related intrusions. Extensional tectonism in late Cenozoic time broke the bedrock terrane into a series of north-trending fault blocks; the uplifted mountain areas were deeply eroded and the resulting debris were deposited in the adjacent basins. Most of the mineral deposits in the Pioche-Marysville mineral belt were formed during igneous activity in middle and late Cenozoic time.

A regional geochemical survey was conducted during the summers of 1978 and 1979. Sampling was designed to define broad geochemical patterns and trends which can be used, along with geologic and geophysical data, to assess the mineral resource potential of the quadrangle. Samples collected included waters, rocks, heavy-mineral concentrates, and stream sediments. This report is limited to the analyses of stream-sediment samples for gold. Other analytical data reports for the Richfield quadrangle are water data (McHugh and others, 1981), heavy-mineral-concentrate data (Motooka and others, 1979), and stream-sediment data (Motooka and Miller, 1983; McHugh and others, 1989).

## Sample collection and preparation

Stream-sediment samples were collected from streams that ranged from 1-2 miles in length. Composite samples were collected from four or five sites across and along the active channel, generally within 30 feet. Sample density was one sample per 3 mi<sup>2</sup>. Each sample was dried and sieved to minus-80 mesh (0.177 mm) and pulverized to approximately minus-140 mesh (0.105 mm) in a vertical grinder having ceramic plates.

## Analytical methods

Gold content of the stream-sediments was determined using an atomic-absorption spectroscopic method described below:

A 10-gram sample is roasted for 1 hour at 700°C. Gold is then extracted with hydrobromic acid-0.5 percent bromine solution and MIBK (methyl isobutyl ketone). Electrothermal atomic-absorption spectroscopy, using background correction, is used to determine gold to 1 ppb (O'Leary and Meier, 1986). The results of these analyses with the sample sites and latitude and longitude are shown in table 2. A MF map will be published at a later date.

Standard reference samples were also analyzed for gold. Gold values generally fell within 20 percent of the accepted values. Thirteen samples were chosen and determined four times each for gold (see table 1). The results of the analyses varied. The reasons for the variation in the results of analyses of standard reference samples and the thirteen replicates may be twofold. The method is a partial extraction; therefore, it is possible that

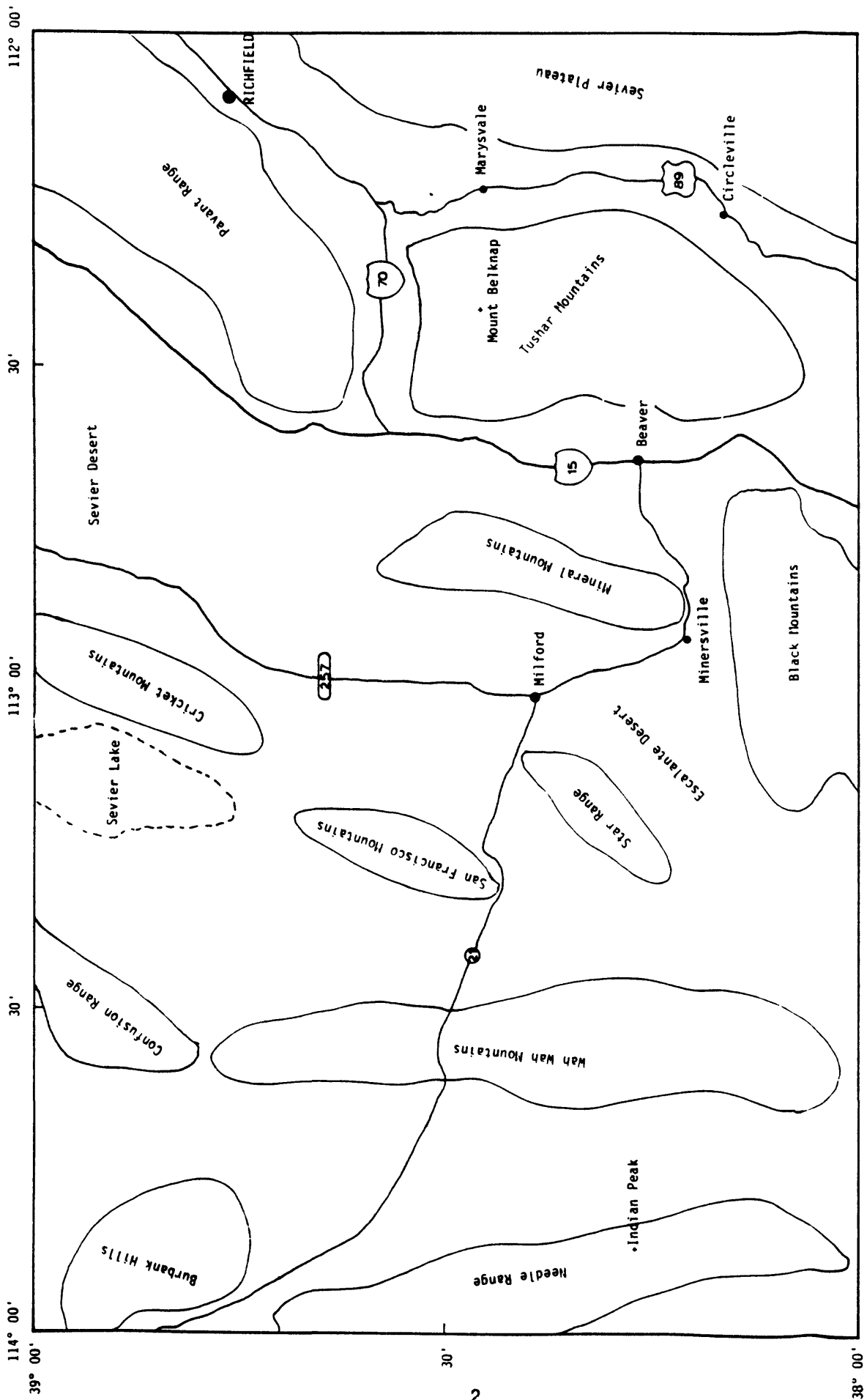


Figure 1.--LOCATION OF TOWNS, ROADS, AND MAJOR GEOGRAPHIC FEATURES IN THE RICHFIELD QUADRANGLE.

gold encapsulated by silica will not be digested and the concentration of gold for that sample will be less than total value. A recent study found that concentrations of gold determined by wet chemistry methods (partial extractions) were consistently lower than by fire assay-based methods or neutron-activation analysis (both of which are total digestions) (Hall and others, 1989). Another possible reason for the variation may be the "nugget effect," wherein a particle of gold may or may not be present in the 10-g sample used in the determination. Due to the variations, results of the gold determinations should be used with caution.

Table 1 shows the four replicate gold values for the thirteen samples. The average of the replicates is reported in table 2. An exception is when an extremely high or low value occurs in the replicates. In this case, the extreme value is disregarded and the remaining values are averaged.

### References Cited

- Hall, G.E.M., Vaive, J.E., Coope, J.A., and Weiland, E.F., 1989, Bias in the analysis of geological materials for gold using current methods: *Journal of Geochemical Exploration*, v. 34, no. 2, p. 157-171.
- McHugh, J.B., Ficklin, W.H., Miller, W.R., and Preston, D.J., 1981, Analytical and statistical results for 486 water samples from the 1° x 2° Richfield quadrangle, Utah: U.S. Geological Survey Open-File Report 81-731, 31 p.
- McHugh, J.B., Miller, W.R., Vaughn, R.B., McKown, D.M., Tucker, R.E., and Bromfield, C.S., 1989, Analytical results for uranium and thorium in 1462 stream-sediment samples, Richfield 1° x 2° quadrangle, Utah: U.S. Geological Survey Open-File Report 89-366, 18 p.
- Motooka, J.M., McHugh, J.B., and Miller, W.R., 1979, analyses of the heavy-mineral fractions of drainage sediments, Richfield 1° x 2° quadrangle, Utah: U.S. Geological Survey Open-File Report 79-1979, 214 p.
- Motooka, J.M., and Miller, W.R., 1983, Analyses of the less than 0.180 mm fraction of drainage sediments, Richfield 1° x 2° quadrangle, Utah: U.S. Geological Survey Open-File Report 83-74, 101 p.
- O'Leary, R.M., and Meier, A.L., 1986, Analytical methods used in geochemical exploration, 1984: U.S. Geological Survey Circular 948, 48 p.

**Table 1. Replicate gold values (ppb) for thirteen samples**

Sample #1 - <1,<1,<1,<1	Sample #8 - 10, 2, 1, 1
Sample #2 - 2, 7, <1, 6	Sample #9 - 50, 40, 220, 43
Sample #3 - 3, 1, 1, <1	Sample #10 - 170, 4, 5, 4
Sample #4 - 9, 8, 9, 9	Sample #11 - 52, 8, 8, 9
Sample #5 - 550, 1, 1, 1	Sample #12 - 8, 8, 8, 11
Sample #6 - 31, 6, 8, 7	Sample #13 - 62, 4, 3, 3
Sample #7 - 8, 10, 11, 11	

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TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0001SD31	38 22 5	113 6 11	1	0079SD12	38 48 7	112 57 35	<1
0004SD24	38 44 17	113 3 19	<1	0080SD12	38 51 43	112 55 45	<1
0005SD24	38 42 36	113 4 13	<1	0081SD12	38 51 52	112 54 4	<1
0006SD24	38 41 32	113 6 40	1	0082SD12	38 49 47	112 57 6	<1
0007SD24	38 39 6	113 7 24	<1	0083SD12	38 50 4	112 57 37	<1
0008SD24	38 40 32	113 8 1	1	0084SD12	38 51 52	112 58 37	<1
0009SD24	38 39 34	113 9 32	<1	0085SD12	38 49 49	112 59 1	<1
0010SD24	38 37 46	113 8 38	<1	0086SD12	38 49 43	112 59 1	<1
0011SD24	38 38 3	113 14 11	<1	0087SD12	38 49 44	112 59 2	<1
0012SD24	38 38 28	113 14 27	<1	0088SD12	38 49 3	112 59 8	<1
0013SD24	38 37 27	113 15 50	<1	0089SD21	38 46 12	113 0 53	<1
0014SD24	38 37 25	113 15 49	<1	0090SD21	38 46 16	113 2 24	<1
0015SD24	38 37 26	113 15 52	<1	0091SD23	38 43 57	113 37 17	<1
0017SD24	38 35 26	113 16 36	1	0092SD23	38 43 20	113 34 40	<1
0018SD24	38 33 43	113 17 33	<1	0093SD23	38 42 36	113 37 5	<1
0019SD24	38 32 56	113 17 28	<1	0094SD23	38 41 20	113 34 52	<1
0020SD31	38 24 40	113 19 3	<1	0095SD23	38 40 2	113 36 25	<1
0021SD31	38 23 1	113 17 45	<1	0096SD23	38 38 24	113 35 49	<1
0022SD31	38 24 54	113 15 18	1	0097SD23	38 36 30	113 36 9	<1
0023SD31	38 17 32	113 19 44	<1	0098SD23	38 34 43	113 34 33	<1
0024SD31	38 16 32	113 19 34	<1	0099SD23	38 37 12	113 32 2	<1
0025SD31	38 15 52	113 18 51	<1	0100SD23	38 35 21	113 31 30	<1
0035SD33	38 3 14	113 47 7	<1	0101SD23	38 34 19	113 30 50	<1
0052SD33	38 11 6	113 54 54	<1	0102SD23	38 31 0	113 30 46	<1
0053SD33	38 13 22	113 54 8	<1	0103SD23	38 32 46	113 36 21	<1
0054SD33	38 5 45	113 33 57	1	0104SD23	38 29 30	113 31 21	1
0055SD32	38 13 47	113 50 50	<1	0105SD31	38 17 39	113 17 42	1
0056SD32	38 19 20	113 58 12	<1	0106SD31	38 17 42	113 17 42	1
0057SD32	38 20 34	113 58 41	<1	0107SD31	38 17 39	113 17 45	1
0058SD32	38 21 37	113 57 13	<1	0108SD31	38 26 33	113 17 26	2
0060SD32	38 21 42	113 53 28	<1	0109SD31	38 29 3	113 18 23	2
0061SD32	38 23 47	113 59 16	<1	0110SD24	38 31 23	113 8 1	2
0062SD32	38 23 40	113 59 17	<1	0111SD24	38 33 8	113 12 59	<1
0063SD32	38 24 49	113 56 40	<1	0112SD24	38 33 7	113 13 2	<1
0064SD32	38 26 56	113 54 29	<1	0113SD24	38 33 11	113 12 55	<1
0065SD32	38 28 1	113 55 2	<1	0114SD21	38 47 26	113 2 22	<1
0066SD32	38 29 32	113 55 10	<1	0115SD21	38 54 38	113 1 2	<1
0067SD32	38 27 56	113 58 36	<1	0116SD12	38 59 1	112 57 43	<1
0068SD32	38 28 40	113 59 2	<1	0117SD23	38 42 50	113 58 18	<1
0070SD42	38 17 39	112 56 17	50	0118SD23	38 41 21	113 59 3	<1
0073SD42	38 18 28	112 53 8	1	0119SD23	38 39 54	113 59 30	<1
0074SD42	38 18 38	112 56 4	6	0120SD23	38 44 21	113 55 43	<1
0076SD12	38 45 7	112 57 14	<1	0121SD23	38 41 43	113 57 11	<1
0077SD12	38 46 4	112 58 51	<1	0122SD23	38 41 48	113 55 58	<1
0078SD12	38 46 41	112 57 51	<1	0123SD23	38 40 1	113 56 19	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0126SD23	38 36 36	113 56 33	<1	0204SD13	38 42 58	112 51 34	<1
0127SD23	38 35 15	113 57 17	<1	0205SD13	38 43 57	112 52 5	<1
0128SD23	38 34 18	113 57 33	<1	0206SD13	38 44 51	112 50 7	<1
0129SD23	38 33 5	113 57 24	<1	0207SD23	38 36 35	112 50 33	<1
0131SD23	38 34 22	113 50 18	<1	0208SD13	38 36 29	112 48 33	2
0135SD23	38 31 17	113 53 20	<1	0209SD23	38 34 16	112 47 48	<1
0136SD23	38 31 18	113 53 18	<1	0210SD23	38 32 37	112 48 55	<1
0137SD23	38 32 21	113 53 28	<1	0211SD23	38 34 30	112 50 20	<1
0142SD23	38 31 14	113 56 51	<1	0212SD23	38 35 1	112 49 21	2
0143SD23	38 30 37	113 59 52	<1	0213SD21	38 45 47	113 5 25	<1
0145SD23	38 32 23	113 59 57	<1	0214SD21	38 47 18	113 4 46	<1
0146SD23	38 38 4	113 49 7	1	0215SD21	38 48 31	113 4 1	<1
0147SD23	38 39 24	113 48 28	<1	0216SD21	38 48 35	113 2 18	<1
0148SD23	38 40 27	113 48 16	<1	0217SD21	38 50 29	113 2 44	<1
0149SD23	38 41 30	113 47 52	1	0218SD21	38 52 6	113 3 35	<1
0150SD23	38 44 29	113 45 52	<1	0219SD21	38 53 36	113 1 43	<1
0152SD23	38 30 29	113 51 16	<1	0220SD21	38 56 48	113 1 9	<1
0153SD23	38 31 23	113 49 27	<1	0221SD12	38 59 5	112 59 34	<1
0156SD23	38 33 32	113 54 2	<1	0222SD24	38 57 9	112 59 18	<1
0157SD23	38 34 21	113 54 44	<1	0223SD12	38 54 41	112 59 4	<1
0158SD23	38 34 46	113 55 31	<1	0224SD21	38 50 13	113 0 27	<1
0159SD23	38 35 46	113 50 18	<1	0225SD21	38 50 5	113 0 28	<1
0160SD23	38 35 47	113 50 19	<1	0226SD21	38 50 5	113 0 30	<1
0161SD23	38 36 6	113 50 9	<1	0227SD21	38 51 56	113 0 2	<1
0162SD23	38 36 55	113 48 13	1	0228SD12	38 54 36	112 57 10	<1
0163SD23	38 36 3	113 48 5	1	0229SD12	38 55 29	112 53 26	<1
0164SD23	38 41 50	113 45 39	<1	0230SD12	38 53 6	112 53 35	<1
0186SD12	38 46 53	112 59 11	<1	0233SD12	38 59 34	112 55 34	<1
0187SD12	38 55 37	112 57 10	1	0237SD12	38 50 26	112 52 29	<1
0188SD12	38 55 37	112 57 8	<1	0239SD12	38 46 33	112 49 50	<1
0189SD12	38 55 41	112 57 4	1	0243SD13	38 54 53	112 56 9	<1
0190SD12	38 52 57	112 56 28	1	0244SD13	38 50 1	112 54 58	1
0191SD12	38 56 52	112 56 16	<1	0245SD13	38 45 56	112 53 52	<1
0192SD12	38 57 22	112 58 28	<1	0247SD13	38 38 7	112 49 39	<1
0193SD12	38 57 55	112 54 42	1	0249SD13	38 37 32	112 50 14	1
0194SD12	38 56 37	112 55 0	<1	0255SD42	38 29 48	112 50 49	<1
0195SD12	38 52 50	112 50 12	<1	0257SD42	38 29 53	112 51 7	<1
0196SD12	38 53 0	112 51 56	1	0260SD13	38 30 43	112 51 12	<1
0197SD12	38 51 42	112 51 34	<1	0261SD13	38 30 50	112 49 5	<1
0198SD12	38 45 38	112 51 51	<1	0262SD13	38 31 7	112 50 59	<1
0199SD12	38 45 20	112 50 1	<1	0264SD13	38 30 36	112 46 15	<1
0200SD12	38 45 6	112 46 21	1	0265SD13	38 30 36	112 46 13	<1
0201SD12	38 42 20	112 45 31	<1	0266SD13	38 30 30	112 46 7	<1
0202SD13	38 40 9	112 46 21	<1	0267SD42	38 18 8	112 49 23	<1
0203SD13	38 42 37	112 49 35	<1	0291SD33	38 27 47	113 6 6	1



TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0292SD31	38 29 34	113 6 41	2	0431SD34	38 0 23	113 3 7	<1
0293SD31	38 29 34	113 6 41	1	0432SD34	38 0 25	113 3 8	<1
0294SD31	38 29 8	113 8 0	1	0433SD34	38 0 24	113 3 4	<1
0297SD31	38 20 31	113 13 51	2	0434SD31	38 24 1	113 29 48	<1
0309SD34	38 12 57	113 28 36	<1	0448SD33	38 1 54	113 42 30	<1
0339SD32	38 28 2	113 32 6	<1	0449SD33	38 0 46	113 43 20	<1
0340SD32	38 26 45	113 31 53	1	0450SD33	38 3 42	113 42 26	<1
0341SD32	38 25 10	113 32 29	1	0452SD33	38 5 38	113 41 46	<1
0342SD32	38 24 14	113 32 27	<1	0456SD33	38 3 35	113 43 3	<1
0343SD32	38 23 3	113 32 27	<1	0457SD33	38 0 36	113 47 12	<1
0344SD32	38 23 1	113 32 28	<1	0458SD33	38 0 7	113 47 18	<1
0345SD32	38 23 0	113 32 30	<1	0459SD33	38 0 8	113 47 20	<1
0346SD32	38 22 51	113 36 5	<1	0482SD33	38 11 35	113 50 6	1
0347SD32	38 23 35	113 35 49	<1	0483SD33	38 13 0	113 50 27	1
0348SD32	38 24 41	113 35 0	<1	0484SD33	38 12 54	113 50 17	1
0349SD32	38 25 48	113 34 50	<1	0485SD33	38 10 49	113 47 50	1
0350SD32	38 28 32	113 34 56	<1	0486SD33	38 10 18	113 49 21	<1
0351SD32	38 27 18	113 34 9	<1	0487SD33	38 10 18	113 49 23	<1
0374SD33	38 4 26	113 41 22	<1	0488SD33	38 10 6	113 49 47	<1
0375SD32	38 2 42	113 41 58	<1	0490SD33	38 10 6	113 49 25	<1
0376SD33	38 1 10	113 44 8	<1	0493SD33	38 8 58	113 47 43	<1
0377SD32	38 19 44	113 38 22	2	0495SD33	38 7 43	113 47 49	<1
0380SD32	38 17 51	113 48 21	<1	0496SD33	38 7 25	113 48 21	3
0382SD32	38 18 29	113 49 48	<1	0498SD33	38 7 50	113 45 26	<1
0383SD32	38 22 0	113 39 2	<1	0499SD33	38 8 45	113 45 52	<1
0393SD31	38 22 40	113 28 58	1	0500SD33	38 13 35	113 48 58	1
0403SD23	38 38 11	113 59 37	<1	0502SD33	38 14 27	113 49 4	<1
0404SD23	38 38 23	113 57 16	<1	0503SD33	38 11 55	113 53 8	<1
0405SD23	38 38 23	113 57 13	<1	0504SD33	38 11 16	113 53 3	1
0406SD23	38 38 21	113 57 13	<1	0505SD33	38 11 39	113 54 15	<1
0407SD23	38 36 53	113 58 57	<1	0506SD33	38 14 7	113 53 14	1
0408SD23	38 35 7	113 59 52	1	0508SD42	38 24 19	112 49 18	<1
0409SD23	38 30 23	113 54 30	<1	0511SD33	38 0 49	113 51 21	<1
0410SD32	38 29 10	113 51 48	<1	0514SD33	38 5 29	113 49 17	<1
0411SD32	38 28 28	113 51 0	<1	0516SD33	38 7 45	113 52 17	1
0412SD32	38 18 55	113 40 9	<1	0517SD33	38 9 2	113 52 7	1
0422SD34	38 5 16	113 12 11	<1	0518SD33	38 8 49	113 52 38	1
0423SD34	38 4 44	113 11 13	<1	0523SD32	38 15 53	113 53 17	1
0424SD34	38 4 33	113 8 37	<1	0525SD32	38 16 30	113 55 12	<1
0425SD34	38 4 42	113 9 5	<1	0526SD32	38 17 2	113 54 34	1
0426SD34	38 4 43	113 9 4	<1	0528SD32	38 17 4	113 55 46	1
0427SD34	38 6 27	113 10 37	<1	0529SD32	38 17 38	113 57 0	1
0428SD34	38 3 22	113 8 52	<1	0530SD32	38 18 36	113 57 28	1
0429SD34	38 3 29	113 6 15	<1	0531SD32	38 18 33	113 55 25	<1
0430SD34	38 2 13	113 6 44	<1	0533SD32	38 19 18	113 51 4	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0534SD32	38 19 55	113 51 3	<1	0595SD43	38 2 22	112 46 4	<1
0538SD32	38 19 23	113 48 10	<1	0596SD43	38 1 58	112 47 34	<1
0539SD32	38 19 28	113 48 10	<1	0597SD43	38 2 48	112 47 49	<1
0540SD32	38 19 28	113 48 12	<1	0598SD43	38 2 46	112 49 32	<1
0541SD32	38 18 57	113 47 34	<1	0598SD43	38 2 46	112 49 32	<1
0542SD42	38 27 7	112 49 33	<1	0599SD43	38 1 25	112 49 1	<1
0543SD42	38 28 1	112 45 36	<1	0600SD43	38 1 20	112 51 50	<1
0545SD42	38 26 48	112 47 45	<1	0601SD24	38 31 47	113 29 16	<1
0546SD42	38 23 11	112 46 40	1	0602SD24	38 33 19	113 28 5	1
0547SD42	38 22 32	112 47 17	<1	0603SD23	38 33 11	113 30 32	<1
0548SD42	38 21 53	112 47 32	<1	0604SD23	38 36 35	113 30 21	<1
0549SD42	38 20 15	112 48 6	<1	0605SD24	38 36 15	113 26 16	1
0550SD42	38 16 13	112 49 17	<1	0606SD24	38 36 53	113 27 20	<1
0551SD43	38 11 38	112 50 35	2	0607SD24	38 38 9	113 28 22	<1
0552SD43	38 12 5	112 48 6	<1	0608SD23	38 38 35	113 31 30	<1
0553SD43	38 11 23	112 47 34	<1	0609SD23	38 38 7	113 33 3	<1
0554SD43	38 12 3	112 45 31	<1	0610SD23	38 37 37	113 35 59	<1
0555SD43	38 8 24	112 47 47	<1	0611SD23	38 37 2	113 33 12	1
0556SD43	38 8 4	112 50 14	<1	0612SD23	38 36 59	113 33 9	<1
0557SD43	38 8 42	112 55 2	<1	0613SD23	38 39 36	113 33 44	<1
0558SD43	38 8 22	112 56 53	<1	0614SD23	38 40 58	113 33 12	<1
0559SD43	38 11 9	112 53 50	1	0615SD23	38 44 24	113 34 24	<1
0560SD43	38 6 58	112 56 23	<1	0616SD23	38 41 56	113 31 45	<1
0561SD43	38 5 42	112 56 16	<1	0617SD23	38 42 7	113 31 5	<1
0562SD43	38 0 23	112 53 58	<1	0618SD23	38 41 26	113 30 49	<1
0563SD43	38 13 29	112 53 16	<1	0619SD23	38 41 9	113 31 7	<1
0564SD42	38 18 2	112 46 41	<1	0620SD23	38 41 3	113 31 6	<1
0565SD42	38 18 47	112 46 20	<1	0621SD21	38 48 24	113 23 51	<1
0566SD42	38 20 2	112 45 33	<1	0622SD21	38 52 9	113 27 29	<1
0567SD42	38 20 34	112 51 46	1	0623SD21	38 52 1	113 26 15	<1
0568SD42	38 19 53	112 51 9	<1	0624SD21	38 49 41	113 27 34	1
0569SD42	38 18 42	112 50 29	<1	0625SD21	38 50 46	113 29 14	<1
0571SD42	38 18 5	112 49 11	<1	0626SD21	38 51 15	113 29 34	<1
0572SD42	38 18 45	112 48 32	<1	0627SD22	38 51 47	113 35 10	<1
0573SD42	38 17 2	112 46 43	<1	0628SD22	38 51 23	113 34 56	<1
0574SD42	38 17 14	112 49 49	1	0629SD22	38 49 9	113 33 44	1
0575SD42	38 21 57	112 51 22	<1	0631SD22	38 49 14	113 37 12	<1
0576SD34	38 6 2	113 25 47	<1	0632SD21	38 48 15	113 21 18	<1
0585SD32	38 16 33	113 46 25	<1	0633SD21	38 49 52	113 19 14	<1
0586SD32	38 14 49	113 50 54	<1	0634SD21	38 49 52	113 19 11	<1
0588SD42	38 21 4	112 47 26	<1	0635SD21	38 49 54	113 19 9	<1
0589SD42	38 24 43	112 46 3	<1	0636SD21	38 51 50	113 21 4	<1
0591SD42	38 15 25	112 49 13	<1	0637SD21	38 50 48	113 20 48	<1
0592SD43	38 7 12	112 48 22	<1	0638SD21	38 58 42	113 20 39	<1
0594SD43	38 3 53	112 45 12	<1	0639SD21	38 58 6	113 19 23	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0640SD21	38 57 37	113 16 56	<1	0686SD22	38 46 57	113 43 54	<1
0641SD21	38 55 35	113 24 14	<1	0687SD22	38 45 50	113 43 14	<1
0642SD21	38 54 11	113 25 21	1	0688SD23	38 44 2	113 43 20	<1
0643SD21	38 54 34	113 26 49	<1	0689SD23	38 42 52	113 44 43	<1
0644SD21	38 59 19	113 29 20	<1	0690SD23	38 34 9	113 33 23	<1
0645SD21	38 57 13	113 29 6	1	0692SD23	38 31 13	113 33 44	<1
0646SD21	38 56 34	113 29 24	<1	0693SD23	38 30 23	113 32 8	<1
0647SD21	38 55 28	113 28 57	<1	0695SD22	38 47 18	113 48 20	<1
0648SD21	38 52 48	113 28 14	<1	0696SD22	38 49 10	113 46 48	<1
0649SD22	38 54 0	113 31 27	<1	0697SD22	38 50 2	113 46 31	<1
0650SD22	38 58 5	113 31 22	<1	0698SD22	38 46 23	113 50 8	<1
0651SD22	38 53 12	113 32 35	<1	0699SD22	38 47 48	113 50 45	<1
0652SD22	38 45 50	113 37 6	<1	0700SD22	38 50 0	113 49 29	<1
0653SD22	38 45 34	113 34 18	<1	0701SD22	38 50 27	113 50 11	<1
0654SD24	38 41 31	113 29 5	<1	0702SD22	38 48 45	113 51 44	<1
0655SD24	38 36 29	113 28 14	<1	0703SD22	38 52 25	113 46 20	<1
0656SD24	38 31 14	113 27 50	<1	0704SD22	38 55 50	113 48 27	<1
0657SD21	38 47 20	113 21 3	<1	0705SD22	38 55 46	113 48 27	<1
0658SD21	38 45 9	113 20 51	<1	0706SD22	38 55 51	113 48 50	<1
0659SD21	38 48 6	113 18 34	<1	0707SD22	38 53 25	113 51 52	<1
0660SD21	38 53 48	113 17 19	<1	0708SD22	38 52 26	113 53 8	<1
0661SD21	38 52 41	113 17 39	<1	0709SD22	38 51 31	113 54 38	<1
0662SD21	38 51 54	113 18 15	<1	0710SD22	38 45 49	113 53 46	<1
0663SD21	38 53 58	113 19 17	<1	0711SD22	38 45 36	113 55 21	<1
0664SD21	38 55 12	113 19 17	<1	0712SD22	38 47 42	113 54 26	<1
0665SD21	38 56 37	113 19 19	<1	0713SD22	38 48 38	113 53 40	<1
0666SD21	38 52 45	113 21 0	<1	0714SD22	38 49 55	113 53 23	<1
0667SD21	38 53 41	113 23 29	<1	0715SD22	38 50 23	113 52 26	<1
0668SD21	38 58 3	113 23 7	<1	0716SD22	38 47 59	113 51 30	<1
0670SD21	38 58 50	113 23 57	5	0717SD22	38 48 0	113 51 29	<1
0671SD21	38 58 17	113 27 0	<1	0718SD22	38 48 1	113 51 27	<1
0672SD21	38 58 15	113 26 57	<1	0719SD22	38 52 29	113 51 8	<1
0673SD21	38 58 7	113 27 7	<1	0720SD22	38 53 31	113 50 57	<1
0674SD21	38 56 11	113 26 29	<1	0721SD22	38 51 39	113 47 1	<1
0675SD21	38 52 50	113 25 56	<1	0722SD22	38 55 21	113 52 14	<1
0676SD22	38 54 51	113 31 41	<1	0723SD22	38 57 5	113 52 9	<1
0677SD22	38 53 1	113 36 43	<1	0724SD22	38 57 49	113 53 52	<1
0678SD22	38 56 12	113 32 40	<1	0725SD22	38 56 25	113 53 22	<1
0679SD22	38 58 3	113 34 21	<1	0726SD22	38 55 7	113 53 39	<1
0680SD22	38 58 31	113 36 43	1	0727SD22	38 53 1	113 55 6	<1
0681SD22	38 59 4	113 39 21	6	0728SD22	38 53 1	113 57 33	<1
0682SD22	38 49 34	113 42 18	<1	0729SD22	38 54 1	113 57 6	<1
0683SD22	38 48 9	113 42 10	<1	0730SD22	38 55 3	113 56 21	<1
0684SD22	38 48 5	113 39 59	<1	0731SD22	38 55 6	113 57 2	<1
0685SD22	38 47 7	113 40 25	<1	0732SD22	38 55 9	113 57 2	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0733SD22	38 55 2	113 57 10	<1	0800SD24	38 30 46	113 16 21	1
0734SD22	38 55 12	113 58 31	<1	0802SD32	38 28 9	113 30 9	1
0735SD22	38 52 4	113 56 40	<1	0804SD32	38 23 10	113 30 57	<1
0736SD32	38 27 17	113 51 8	1	0806SD24	38 32 26	113 15 51	1
0738SD32	38 25 27	113 50 41	<1	0809SD24	38 32 22	113 14 13	<1
0742SD32	38 24 2	113 51 11	<1	0810SD24	38 31 40	113 14 4	8
0744SD32	38 23 46	113 50 10	<1	0811SD24	38 31 29	113 9 18	1
0746SD32	38 23 41	113 50 15	<1	0813SD24	38 30 45	113 6 26	1
0747SD32	38 23 44	113 52 53	<1	0815SD24	38 33 15	113 6 31	<1
0748SD32	38 24 19	113 53 43	<1	0817SD24	38 33 27	113 8 48	<1
0749SD32	38 24 16	113 55 29	<1	0819SD24	38 34 6	113 11 40	<1
0750SD32	38 23 27	113 56 15	<1	0820SD24	38 34 29	113 41 1	<1
0751SD32	38 23 32	113 57 31	<1	0822SD24	38 35 39	113 10 59	<1
0752SD32	38 25 24	113 58 4	<1	0823SD24	38 43 13	113 2 6	<1
0754SD32	38 26 26	113 59 2	<1	0824SD24	38 41 58	113 5 55	<1
0756SD32	38 25 31	113 53 17	<1	0825SD24	38 38 36	113 13 4	<1
0757SD32	38 25 34	113 53 19	<1	0826SD24	38 38 22	113 10 7	<1
0758SD32	38 25 33	113 53 21	<1	0827SD24	38 36 59	113 10 51	<1
0759SD32	38 27 20	113 52 35	<1	0828SD24	38 35 52	113 12 31	<1
0760SD32	38 29 1	113 52 57	<1	0830SD34	38 8 14	113 2 14	<1
0761SD32	38 26 18	113 54 2	<1	0832SD34	38 8 25	113 3 18	<1
0762SD32	38 26 29	113 56 20	<1	0834SD34	38 8 22	113 5 53	<1
0763SD32	38 28 55	113 56 42	<1	0835SD34	38 8 32	113 4 7	<1
0765SD32	38 29 39	113 35 19	<1	0836SD34	38 8 26	113 8 35	<1
0766SD32	38 17 1	113 46 53	<1	0837SD34	38 7 5	113 7 39	3
0768SD32	38 16 27	113 49 20	<1	0838SD34	38 10 0	113 9 59	<1
0769SD32	38 15 52	113 51 1	<1	0840SD34	38 13 48	113 13 46	<1
0771SD32	38 17 24	113 51 13	<1	0842SD34	38 7 26	113 3 30	<1
0772SD32	38 20 42	113 49 48	<1	0843SD34	38 5 13	113 3 36	<1
0774SD32	38 21 42	113 50 41	<1	0844SD34	38 5 41	113 2 55	<1
0776SD23	38 20 55	113 54 5	<1	0845SD34	38 6 20	113 2 38	<1
0778SD32	38 20 7	113 53 33	<1	0847SD34	38 2 2	113 5 25	<1
0780SD32	38 18 42	113 53 9	<1	0848SD34	38 1 24	113 7 5	<1
0781SD32	38 19 55	113 55 23	<1	0849SD34	38 0 28	113 8 31	<1
0785SD31	38 20 6	113 19 5	<1	0850SD34	38 0 8	113 4 27	<1
0787SD31	38 20 29	113 18 6	<1	0851SD34	38 2 59	113 11 41	<1
0788SD31	38 19 18	113 20 26	<1	0852SD34	38 3 37	113 4 4	<1
0789SD31	38 20 55	113 17 28	<1	0853SD34	38 2 47	113 3 27	<1
0790SD31	38 22 51	113 15 19	1	0854SD34	38 2 32	113 1 5	<1
0791SD31	38 20 46	113 16 36	1	0855SD34	38 5 4	113 0 27	<1
0792SD31	38 18 35	113 16 41	<1	0856SD34	38 7 11	113 6 14	<1
0793SD31	38 18 22	113 16 18	<1	0865SD43	38 10 33	112 54 45	1
0797SD31	38 21 39	113 19 48	<1	0866SD43	38 9 37	112 53 37	<1
0798SD31	38 17 33	113 15 19	1	0867SD43	38 9 27	112 52 59	<1
0799SD24	38 32 10	113 18 27	1	0869SD43	38 8 18	112 51 34	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
0870SD43	38 9 27	112 52 5	1	0932SD31	38 21 46	113 8 36	6
0871SD43	38 9 28	112 51 56	<1	0933SD31	38 21 42	113 8 47	1
0872SD43	38 10 26	112 50 11	<1	0934SD31	38 21 21	113 8 42	1
0874SD43	38 12 36	112 49 44	<1	0935SD31	38 20 45	113 8 38	130
0876SD43	38 14 16	112 50 16	<1	0936SD31	38 20 46	113 8 20	1
0877SD43	38 13 44	112 51 23	2	0937SD31	38 19 26	113 8 46	14
0878SD43	38 8 1	112 59 18	<1	0938SD31	38 20 31	113 10 9	1
0879SD43	38 6 24	112 57 18	<1	0939SD31	38 18 55	113 10 17	1
0880SD43	38 5 42	112 57 33	<1	0940SD31	38 17 20	113 10 22	<1
0881SD43	38 5 40	112 59 23	<1	0941SD31	38 17 20	113 10 28	<1
0882SD43	38 2 24	112 59 30	<1	0942SD31	38 18 18	113 12 24	<1
0883SD43	38 3 11	112 57 9	<1	0943SD31	38 16 59	113 12 18	<1
0884SD43	38 0 57	112 55 23	<1	0944SD31	38 15 43	113 13 11	<1
0885SD43	38 1 56	112 54 30	<1	1001SD31	38 17 22	113 10 30	1
0888SD43	38 0 15	112 49 48	<1	1002SD31	38 20 3	113 12 19	<1
0889SD43	38 3 39	112 47 8	<1	1005SD31	38 22 3	113 10 46	<1
0890SD43	38 6 8	112 53 45	<1	1006SD31	38 23 48	113 7 48	<1
0891SD43	38 7 7	112 50 49	<1	1007SD31	38 24 16	113 6 51	1
0892SD43	38 5 38	112 51 47	<1	1008SD31	38 23 24	113 5 46	1
0893SD43	38 5 41	112 51 43	<1	1011SD33	38 3 40	113 43 22	<1
0894SD43	38 5 39	112 51 35	<1	1013SD33	38 3 19	113 43 41	<1
0895SD43	38 4 57	112 52 18	<1	1015SD33	38 3 31	113 43 33	<1
0896SD43	38 3 47	112 51 22	<1	1016SD33	38 3 48	113 42 44	<1
0897SD43	38 3 59	112 48 57	<1	1050SD14	38 43 28	112 1 51	1
0900SD43	38 7 28	112 46 14	<1	1051SD14	38 43 7	112 0 34	1
0901SD31	38 27 23	113 4 13	1	1053SD14	38 40 53	112 2 20	2
0902SD31	38 26 53	113 13 44	2	1055SD14	38 36 55	112 6 12	2
0903SD31	38 28 33	113 13 16	3	1056SD14	38 36 46	112 3 36	1
0904SD31	38 28 58	113 14 51	2	1057SD14	38 34 13	112 5 10	<1
0906SD31	38 28 55	113 14 35	4	1058SD14	38 34 39	112 4 59	1
0907SD31	38 27 24	113 16 23	2	1059SD14	38 36 13	112 5 42	2
0908SD31	38 27 55	113 15 21	6	1061SD14	38 38 21	112 3 5	2
0909SD31	38 25 58	113 16 47	<1	1062SD14	38 39 30	112 5 57	1
0910SD31	38 26 27	113 16 9	70	1066SD14	38 30 36	112 1 58	1
0911SD31	38 27 29	113 17 57	56	1068SD14	38 30 21	112 0 15	<1
0912SD31	38 29 32	113 17 40	2	1069SD14	38 33 11	112 0 22	1
0917SD31	38 23 30	113 19 1	<1	1080SD42	38 25 51	112 46 37	1
0924SD12	38 45 32	112 50 58	<1	1081SD42	38 25 52	112 46 34	<1
0925SD12	38 58 29	112 54 55	<1	1083SD44	38 24 44	112 46 18	1
0926SD12	38 58 36	112 54 50	<1	1084SD44	38 1 36	112 14 5	<1
0927SD31	38 21 33	113 5 32	<1	1085SD44	38 2 44	112 13 36	<1
0928SD31	38 21 14	113 5 16	3	1086SD44	38 4 19	112 14 0	<1
0929SD31	38 20 56	113 6 15	9	1087SD44	38 3 22	112 10 0	1
0930SD31	38 20 51	113 6 16	340	1088SD44	38 0 18	112 11 52	<1
0931SD31	38 21 30	113 7 46	<1	1089SD44	38 0 51	112 10 26	1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1091SD44	38 1 54	112 9 49	<1	1348SD42	38 29 29	112 45 17	<1
1092SD44	38 1 27	112 7 11	<1	1350SD42	38 29 4	112 49 31	<1
1093SD44	38 1 0	112 5 40	<1	1351SD42	38 29 4	112 49 30	<1
1095SD44	38 2 7	112 4 16	<1	1352SD42	38 29 18	112 48 39	<1
1096SD44	38 3 29	112 5 20	<1	1353SD42	38 29 2	112 48 5	<1
1097SD44	38 4 55	112 0 55	<1	1355SD42	38 28 43	112 42 49	<1
1099SD44	38 6 18	112 4 36	<1	1357SD42	38 26 40	112 41 48	1
1302SD43	38 1 44	112 40 12	<1	1358SD42	38 27 44	112 41 6	2
1303SD43	38 2 30	112 39 52	<1	1359SD42	38 29 48	112 42 2	<1
1304SD43	38 4 28	112 40 21	<1	1362SD42	38 25 55	112 39 56	<1
1305SD43	38 4 46	112 42 2	<1	1363SD42	38 25 12	112 40 16	<1
1306SD43	38 7 7	112 39 52	<1	1364SD42	38 23 14	112 40 34	<1
1307SD43	38 7 15	112 36 22	<1	1365SD42	38 25 38	112 38 48	<1
1308SD43	38 1 2	112 32 4	<1	1366SD42	38 25 2	112 38 40	<1
1309SD43	38 2 32	112 30 54	<1	1367SD42	38 27 2	112 38 22	<1
1310SD43	38 4 47	112 31 13	<1	1370SD13	38 30 54	112 41 40	1
1311SD43	38 7 43	112 40 57	<1	1371SD13	38 31 22	112 43 20	<1
1312SD43	38 10 58	112 41 53	<1	1373SD42	38 29 34	112 40 30	<1
1313SD43	38 11 58	112 40 21	<1	1374SD13	38 33 5	112 40 56	<1
1314SD43	38 11 25	112 38 47	<1	1375SD13	38 32 5	112 41 26	<1
1315SD43	38 13 27	112 34 10	<1	1376SD13	38 32 32	112 39 29	<1
1316SD43	38 14 8	112 31 28	<1	1377SD13	38 34 4	112 40 17	<1
1317SD42	38 20 30	112 41 12	<1	1378SD13	38 35 3	112 41 7	<1
1318SD42	38 21 28	112 42 22	<1	1379SD13	38 35 19	112 43 13	<1
1319SD42	38 23 29	112 41 59	<1	1380SD13	38 34 34	112 43 35	<1
1320SD42	38 25 40	112 43 50	<1	1384SD13	38 36 40	112 40 9	1
1321SD42	38 29 44	112 44 35	<1	1385SD13	38 35 48	112 38 55	1
1322SD42	38 29 32	112 38 40	2	1386SD13	38 39 26	112 42 18	1
1323SD42	38 25 23	112 47 34	<1	1386SD13	38 39 26	112 42 18	<1
1324SD42	38 25 28	112 47 41	<1	1387SD13	38 39 46	112 40 33	<1
1325SD42	38 15 16	112 49 46	<1	1388SD13	38 38 58	112 44 48	<1
1326SD42	38 15 18	112 49 46	<1	1389SD13	38 41 46	112 41 2	<1
1327SD42	38 15 34	112 53 19	1	1390SD12	38 45 5	112 42 58	1
1328SD42	38 15 43	112 53 22	5	1391SD13	38 42 30	112 43 12	1
1330SD42	38 16 36	112 54 35	<1	1392SD13	38 42 50	112 41 54	1
1332SD42	38 17 19	112 53 56	<1	1393SD13	38 41 31	112 43 55	<1
1336SD42	38 16 32	112 52 22	<1	1394SD13	38 43 48	112 39 27	1
1338SD42	38 17 17	112 51 42	<1	1395SD12	38 45 41	112 32 34	1
1340SD42	38 19 46	112 52 56	2	1396SD12	38 45 3	112 31 23	<1
1341SD42	38 22 43	112 50 29	3	1397SD12	38 46 8	112 31 47	<1
1343SD42	38 25 44	112 50 31	<1	1398SD13	38 44 44	112 30 49	<1
1344SD42	38 24 30	112 42 40	<1	1399SD13	38 43 47	112 31 15	<1
1345SD42	38 24 32	112 42 40	15	1400SD13	38 43 33	112 31 59	<1
1346SD42	38 24 30	112 42 49	<1	1401SD13	38 43 31	112 32 4	<1
1347SD42	38 27 46	112 44 37	<1	1402SD13	38 43 29	112 32 2	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1403SD13	38 42 35	112 33 14	1	1461SD13	38 38 26	112 33 37	1
1404SD13	38 42 35	112 35 22	<1	1462SD13	38 38 40	112 36 0	<1
1405SD13	38 40 39	112 34 37	<1	1464SD13	38 37 58	112 35 23	<1
1406SD13	38 40 24	112 31 17	1	1465SD13	38 36 20	112 33 53	<1
1407SD13	38 40 37	112 33 2	1	1466SD13	38 35 49	112 33 16	1
1408SD42	38 16 12	112 32 55	2	1467SD13	38 37 21	112 32 13	1
1409SD42	38 17 51	112 32 40	<1	1468SD41	38 15 52	112 27 38	3
1410SD42	38 21 51	112 33 55	5	1469SD41	38 17 32	112 26 55	1
1411SD42	38 21 41	112 33 56	5	1470SD41	38 18 1	112 26 57	<1
1412SD42	38 19 31	112 32 32	<1	1471SD41	38 18 7	112 28 5	<1
1414SD42	38 21 45	112 31 19	4	1473SD41	38 17 4	112 29 8	1
1415SD42	38 21 12	112 32 26	1	1474SD41	38 17 16	112 25 15	3
1416SD42	38 22 51	112 31 43	<1	1476SD41	38 16 22	112 25 43	<1
1417SD42	38 22 50	112 31 47	1	1477SD41	38 18 9	112 23 8	<1
1418SD42	38 22 49	112 31 49	<1	1478SD41	38 17 29	112 23 52	1
1419SD42	38 23 34	112 30 40	1	1479SD41	38 17 26	112 23 52	1
1420SD42	38 22 34	112 33 48	10	1480SD41	38 17 33	112 24 0	20
1422SD42	38 24 15	112 33 29	<1	1482SD41	38 19 42	112 26 1	2
1424SD42	38 25 46	112 32 31	8	1483SD43	38 6 56	112 38 58	<1
1425SD42	38 25 26	112 31 24	<1	1485SD43	38 5 0	112 43 3	<1
1426SD42	38 25 56	112 30 57	<1	1486SD43	38 3 54	112 42 56	1
1428SD42	38 25 55	112 33 40	1	1487SD43	38 6 20	112 41 32	1
1429SD42	38 26 5	112 34 5	1	1488SD43	38 6 10	112 43 17	<1
1430SD42	38 25 32	112 35 5	2	1489SD43	38 6 18	112 43 7	<1
1431SD42	38 27 5	112 34 16	<1	1490SD43	38 6 20	112 43 8	<1
1433SD42	38 28 16	112 34 26	<1	1491SD43	38 9 11	112 40 58	<1
1435SD13	38 30 25	112 35 43	<1	1492SD43	38 9 15	112 42 36	1
1436SD13	38 30 14	112 34 47	<1	1493SD43	38 8 48	112 43 24	<1
1437SD13	38 30 2	112 33 1	<1	1494SD43	38 8 9	112 38 46	<1
1439SD13	38 33 0	112 33 54	<1	1495SD43	38 3 23	112 39 22	<1
1441SD13	38 31 7	112 34 41	<1	1496SD43	38 0 42	112 40 38	<1
1444SD13	38 34 29	112 34 8	1	1497SD43	38 9 59	112 43 53	<1
1445SD13	38 34 43	112 34 3	<1	1498SD43	38 10 33	112 42 33	<1
1446SD13	38 34 41	112 33 56	<1	1499SD43	38 10 11	112 39 10	<1
1447SD13	38 34 23	112 32 47	2	1500SD43	38 5 25	112 39 9	<1
1448SD13	38 35 43	112 31 32	2	1501SD43	38 5 28	112 39 51	<1
1449SD41	38 18 48	112 24 44	<1	1505SD42	38 18 59	112 32 58	<1
1450SD41	38 19 18	112 21 41	<1	1506SD42	38 19 25	112 32 35	<1
1451SD41	38 19 19	112 21 41	2	1508SD42	38 20 14	112 32 42	1
1452SD41	38 19 20	112 21 6	<1	1509SD42	38 21 3	112 33 48	<1
1453SD41	38 16 2	112 29 17	1	1510SD42	38 21 18	112 34 1	1
1456SD43	38 12 7	112 37 17	<1	1511SD42	38 22 19	112 34 6	2
1457SD43	38 10 24	112 37 31	<1	1512SD42	38 23 9	112 34 0	91
1458SD43	38 9 28	112 37 1	<1	1513SD42	38 23 46	112 34 7	1
1459SD43	38 10 39	112 37 21	1	1514SD42	38 24 11	112 33 26	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1515SD42	38 24 18	112 34 10	1	1565SD42	38 24 42	112 34 51	1
1516SD42	38 20 51	112 32 45	1	1566SD42	38 27 4	112 34 42	<1
1517SD42	38 21 2	112 32 35	1	1567SD42	38 27 7	112 34 18	<1
1518SD42	38 21 42	112 32 3	<1	1568SD42	38 26 54	112 34 1	1
1519SD42	38 22 30	112 31 20	<1	1569SD42	38 26 59	112 33 35	<1
1520SD42	38 21 36	112 31 43	2	1570SD42	38 27 7	112 33 9	<1
1521SD42	38 22 13	112 30 55	4	1572SD42	38 27 24	112 32 21	1
1522SD42	38 22 28	112 30 36	3	1573SD42	38 27 23	112 32 36	1
1523SD41	38 22 54	112 29 37	1	1575SD42	38 27 49	112 34 43	1
1524SD41	38 22 52	112 29 38	2	1576SD41	38 21 23	112 22 53	1
1525SD42	38 22 45	112 30 19	6	1580SD41	38 23 26	112 23 2	1
1526SD42	38 23 0	112 30 58	<1	1582SD41	38 25 28	112 23 56	1
1527SD42	38 23 7	112 31 6	<1	1583SD41	38 25 6	112 23 14	1
1528SD42	38 23 44	112 30 15	<1	1584SD41	38 24 54	112 23 22	1
1529SD41	38 23 43	112 29 39	<1	1585SD41	38 24 52	112 23 20	1
1531SD42	38 23 27	112 30 33	<1	1586SD41	38 25 41	112 23 20	8
1532SD41	38 24 1	112 29 14	<1	1587SD41	38 25 38	112 23 38	3
1533SD41	38 23 56	112 29 13	<1	1588SD41	38 25 53	112 22 56	2
1534SD41	38 23 59	112 29 3	1	1590SD41	38 26 2	112 22 25	1
1535SD41	38 24 56	112 29 41	<1	1591SD41	38 25 46	112 22 42	1
1536SD41	38 25 1	112 29 28	<1	1592SD42	38 16 52	112 34 4	1
1537SD41	38 25 13	112 29 10	<1	1593SD42	38 16 22	112 33 27	<1
1539SD41	38 25 20	112 28 50	<1	1594SD41	38 27 31	112 15 45	<1
1540SD41	38 25 40	112 29 3	<1	1595SD41	38 27 30	112 17 17	1
1541SD41	38 25 34	112 29 4	<1	1596SD41	38 27 31	112 21 8	17
1543SD41	38 25 9	112 29 57	<1	1598SD41	38 29 15	112 19 54	<1
1544SD41	38 25 17	112 28 12	<1	1601SD43	38 10 14	112 45 40	<1
1545SD41	38 25 21	112 28 12	<1	1602SD43	38 5 47	112 45 17	<1
1547SD41	38 25 49	112 28 37	<1	1604SD43	38 10 8	112 46 26	<1
1548SD41	38 25 52	112 28 21	<1	1605SD43	38 12 32	112 51 57	1
1549SD41	38 25 50	112 28 17	<1	1606SD43	38 12 38	112 52 48	<1
1550SD41	38 25 48	112 28 17	<1	1611SD11	38 58 42	112 3 31	<1
1551SD41	38 26 18	112 28 42	<1	1612SD11	38 58 41	112 3 37	<1
1552SD41	38 26 36	112 29 15	<1	1613SD11	38 58 56	112 3 39	<1
1553SD42	38 24 57	112 30 3	<1	1614SD11	38 58 57	112 5 32	<1
1554SD42	38 25 6	112 30 21	<1	1615SD11	38 58 14	112 6 11	<1
1555SD42	38 25 24	112 30 23	<1	1618SD11	38 54 7	112 8 4	<1
1556SD42	38 25 11	112 30 31	<1	1619SD11	38 56 31	112 2 38	<1
1557SD42	38 25 42	112 30 55	<1	1620SD11	38 52 50	112 8 34	<1
1558SD42	38 27 10	112 30 35	<1	1621SD11	38 52 37	112 8 40	1
1559SD42	38 26 55	112 30 42	<1	1622SD11	38 53 3	112 8 36	<1
1561SD42	38 26 34	112 31 22	<1	1624SD11	38 56 10	112 13 53	<1
1562SD42	38 25 38	112 32 34	1	1627SD11	38 55 42	112 12 27	<1
1563SD42	38 26 0	112 33 26	2	1629SD11	38 55 27	112 13 4	<1
1564SD42	38 25 11	112 34 52	4	1632SD11	38 59 6	112 13 50	<1



TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1633SD11	38 47 19	112 5 52	<1	1689SD14	38 40 15	112 16 10	<1
1634SD11	38 47 18	112 5 41	<1	1690SD14	38 43 44	112 15 39	1
1635SD11	38 47 21	112 5 40	<1	1691SD14	38 43 25	112 16 4	<1
1636SD11	38 48 4	112 4 0	<1	1693SD14	38 43 21	112 18 18	<1
1637SD11	38 48 15	112 3 55	1	1694SD14	38 43 23	112 18 16	<1
1638SD11	38 51 29	112 1 16	<1	1695SD14	38 43 29	112 18 44	<1
1639SD11	38 52 1	112 1 14	<1	1696SD14	38 43 12	112 21 41	<1
1640SD11	38 45 34	112 6 37	1	1697SD14	38 42 55	112 20 40	<1
1642SD11	38 46 53	112 9 23	<1	1698SD14	38 41 30	112 19 22	<1
1643SD11	38 47 23	112 8 29	<1	1699SD14	38 42 21	112 17 23	<1
1644SD11	38 45 5	112 13 56	<1	1702SD14	38 37 58	112 26 58	<1
1645SD11	38 45 7	112 13 58	<1	1703SD14	38 39 42	112 25 24	<1
1646SD11	38 45 7	112 13 53	<1	1705SD14	38 40 5	112 23 51	7
1647SD11	38 47 9	112 11 58	<1	1706SD14	38 40 7	112 23 54	1
1648SD11	38 48 52	112 13 20	1	1707SD14	38 40 9	112 23 42	<1
1653SD14	38 44 33	112 6 52	1	1708SD14	38 39 38	112 23 38	1
1654SD14	38 41 16	112 10 49	1	1709SD14	38 38 14	112 23 53	2
1655SD14	38 42 46	112 11 4	1	1710SD14	38 37 55	112 23 47	4
1657SD14	38 43 35	112 12 25	1	1711SD12	38 40 12	112 26 40	1
1660SD14	38 43 42	112 14 20	<1	1713SD14	38 38 57	112 28 13	1
1661SD14	38 44 39	112 14 15	<1	1714SD14	38 21 41	112 27 25	1
1662SD14	38 42 40	112 8 45	1	1715SD14	38 41 44	112 28 9	<1
1663SD14	38 43 35	112 9 7	11	1717SD14	38 42 34	112 24 44	<1
1664SD14	38 44 24	112 9 17	1	1718SD14	38 42 11	112 24 22	<1
1666SD14	38 40 48	112 12 3	1	1719SD14	38 42 46	112 23 6	<1
1667SD14	38 41 56	112 13 56	1	1720SD14	38 35 45	112 28 38	2
1668SD14	38 34 3	112 7 41	2	1721SD14	38 36 10	112 26 39	1
1670SD14	38 36 55	112 9 47	1	1722SD14	38 35 21	112 27 22	<1
1671SD14	38 35 52	112 10 52	<1	1723SD14	38 32 37	112 28 19	<1
1672SD14	38 33 28	112 11 4	<1	1724SD14	38 32 48	112 26 54	<1
1673SD14	38 32 6	112 8 15	1	1725SD14	38 32 19	112 26 44	1
1674SD14	38 30 53	112 8 29	<1	1726SD14	38 34 29	112 25 16	3
1675SD14	38 30 56	112 10 31	<1	1727SD14	38 34 47	112 19 45	<1
1676SD14	38 31 11	112 11 52	1	1728SD14	38 34 9	112 19 53	<1
1677SD14	38 30 20	112 14 3	6	1729SD14	38 32 48	112 26 54	1
1678SD14	38 32 13	112 14 34	<1	1730SD14	38 32 53	112 22 16	<1
1679SD14	38 32 18	112 12 44	<1	1731SD14	38 33 46	112 22 1	1
1680SD14	38 34 10	112 13 34	<1	1732SD14	38 33 35	112 23 55	<1
1681SD14	38 35 55	112 13 19	<1	1733SD14	38 33 38	112 23 46	1
1682SD14	38 34 48	112 14 52	<1	1734SD14	38 33 40	112 23 45	1
1683SD14	38 34 47	112 14 55	1	1735SD14	38 33 12	112 25 41	<1
1684SD14	38 34 44	112 14 56	<1	1737SD14	38 32 37	112 24 39	<1
1685SD14	38 35 59	112 15 29	<1	1738SD14	38 32 38	112 23 25	<1
1686SD14	38 36 18	112 16 53	<1	1739SD14	38 30 58	112 25 15	<1
1687SD14	38 37 48	112 15 4	<1	1740SD14	38 31 50	112 23 26	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1741SD14	38 30 58	112 23 44	3	1805SD43	38 8 34	112 35 48	1
1742SD14	38 33 53	112 17 49	<1	1806SD43	38 8 49	112 35 1	12
1743SD14	38 30 48	112 19 22	1	1808SD43	38 11 32	112 34 46	1
1744SD41	38 21 31	112 14 14	3	1809SD43	38 8 24	112 31 34	<1
1745SD41	38 19 38	112 13 39	9	1810SD43	38 8 34	112 31 23	<1
1746SD41	38 19 39	112 13 45	7	1812SD43	38 6 9	112 30 43	<1
1747SD41	38 19 9	112 13 24	8	1813SD43	38 5 55	112 30 18	<1
1749SD41	38 18 14	112 14 16	2	1814SD44	38 5 30	112 29 12	1
1750SD41	38 20 25	112 9 49	3	1815SD43	38 6 49	112 32 19	<1
1752SD41	38 18 10	112 9 50	1	1817SD43	38 9 23	112 30 51	<1
1753SD41	38 16 29	112 7 39	1	1818SD44	38 10 33	112 29 26	<1
1754SD41	38 18 20	112 8 43	4	1819SD44	38 10 8	112 29 2	1
1756SD41	38 28 29	112 27 21	6	1820SD43	38 8 33	112 31 20	<1
1757SD41	38 28 0	112 27 1	3	1822SD43	38 4 9	112 38 17	1
1760SD41	38 29 20	112 26 26	3	1823SD43	38 4 0	112 36 27	<1
1761SD14	38 33 47	112 16 26	2	1824SD43	38 4 3	112 36 26	<1
1762SD14	38 32 11	112 16 10	5	1825SD43	38 4 0	112 36 30	<1
1763SD14	38 32 7	112 16 13	2	1826SD43	38 2 54	112 36 52	<1
1764SD14	38 32 4	112 16 22	3	1827SD43	38 0 47	112 37 53	5
1765SD14	38 31 3	112 15 58	3	1829SD43	38 5 38	112 33 49	10
1766SD44	38 14 18	112 14 13	2	1830SD43	38 5 45	112 33 25	1
1767SD44	38 12 52	112 13 23	2	1831SD43	38 6 49	112 33 20	1
1769SD44	38 12 26	112 10 32	2	1832SD44	38 8 11	112 28 40	1
1770SD44	38 14 14	112 10 15	2	1833SD44	38 8 19	112 27 32	1
1771SD41	38 15 19	112 10 15	4	1834SD44	38 6 49	112 39 26	<1
1772SD41	38 16 41	112 11 18	4	1835SD44	38 4 12	112 29 7	1
1773SD41	38 17 45	112 11 38	2	1836SD44	38 4 3	112 29 25	<1
1774SD44	38 13 2	112 8 0	1	1838SD44	38 2 26	112 29 17	<1
1775SD44	38 13 29	112 9 8	1	1839SD44	38 3 32	112 26 37	1
1776SD41	38 21 1	112 6 23	1	1840SD44	38 2 54	112 26 43	3
1777SD41	38 22 25	112 4 54	7	1841SD44	38 2 11	112 26 15	1
1778SD41	38 22 35	112 4 48	4	1842SD44	38 2 17	112 26 24	<1
1779SD41	38 23 6	112 3 45	<1	1843SD44	38 0 24	112 23 50	1
1780SD41	38 23 58	112 3 6	3	1844SD44	38 6 30	112 25 22	<1
1781SD41	38 24 33	112 2 18	1	1845SD44	38 7 23	112 23 44	<1
1783SD41	38 25 2	112 2 38	2	1846SD44	38 5 17	112 25 10	1
1784SD41	38 24 27	112 0 39	2	1847SD44	38 5 38	112 22 54	2
1785SD41	38 24 24	112 0 42	1	1848SD44	38 2 37	112 25 13	1
1786SD41	38 24 28	112 0 35	1	1849SD43	38 3 50	112 33 10	<1
1789SD41	38 29 21	112 0 9	4	1851SD43	38 0 28	112 34 34	1
1790SD41	38 27 40	112 3 48	3	1852SD43	38 3 56	112 31 8	<1
1791SD41	38 29 50	112 3 29	3	1854SD43	38 2 11	112 32 49	<1
1801SD43	38 13 29	112 32 18	2	1855SD44	38 13 0	112 29 22	27
1803SD43	38 14 5	112 33 43	2	1856SD44	38 13 30	112 29 48	2
1804SD43	38 7 46	112 34 56	1	1858SD44	38 13 33	112 25 53	2

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
1859SD44	38 13 23	112 26 10	3	2122SD44	38 15 4	112 0 38	<1
1860SD44	38 13 20	112 26 14	2	2124SD44	38 16 38	112 0 26	1
1861SD44	38 13 23	112 26 5	1	2127SD44	38 18 24	112 2 32	<1
1862SD44	38 12 17	112 25 41	1	2128SD44	38 17 14	112 3 30	<1
1863SD44	38 12 14	112 25 44	3	2129SD41	38 19 3	112 3 51	<1
1864SD44	38 13 24	112 23 46	2	2129SD44	38 19 3	112 3 51	<1
1866SD44	38 14 0	112 23 8	2	2130SD14	38 43 24	112 10 16	<1
1867SD13	38 30 24	112 35 16	<1	2131SD14	38 39 20	112 14 14	1
1868SD13	38 30 20	112 35 3	1	2132SD14	38 39 22	112 14 15	1
1869SD13	38 30 12	112 34 58	3	2133SD14	38 39 19	112 14 14	1
1870SD13	38 30 14	112 34 21	1	2134SD13	38 37 49	112 17 5	1
1871SD13	38 30 10	112 34 23	1	2135SD11	38 45 11	112 21 52	<1
1872SD13	38 30 11	112 34 1	1	2136SD14	38 44 53	112 27 26	1
1873SD13	38 30 7	112 34 3	1	2137SD14	38 43 25	112 27 58	1
1874SD13	38 30 7	112 33 48	<1	2138SD14	38 44 23	112 29 13	<1
1875SD42	38 27 0	112 34 27	6	2139SD14	38 43 3	112 29 31	1
1879SD12	38 47 49	112 43 49	<1	2140SD14	38 39 50	112 29 37	1
1880SD12	38 46 37	112 44 46	<1	2141SD13	38 32 9	112 31 5	<1
1881SD12	38 45 5	112 42 58	1	2142SD13	38 33 18	112 30 13	1
1882SD12	38 45 40	112 40 7	1	2143SD14	38 34 30	112 28 45	<1
1883SD12	38 51 44	112 35 37	<1	2144SD14	38 32 21	112 28 57	<1
1884SD12	38 52 0	112 37 10	1	2145SD14	38 30 50	112 27 32	<1
1885SD12	38 50 45	112 37 0	1	2146SD13	38 30 59	112 21 36	3
1891SD12	38 54 20	112 49 30	1	2147SD14	38 35 17	112 18 20	<1
1893SD12	38 56 21	112 31 23	<1	2148SD14	38 35 25	112 21 35	<1
1897SD12	38 54 3	112 38 14	<1	2149SD14	38 36 59	112 24 5	<1
1898SD12	38 52 56	112 36 38	<1	2150SD13	38 31 59	112 35 2	<1
1899SD12	38 54 51	112 35 33	<1	2151SD41	38 29 23	112 10 56	<1
2100SD42	38 6 0	112 36 11	1	2152SD41	38 21 54	112 10 54	1
2101SD44	38 5 40	112 27 37	1	2153SD41	38 28 53	112 2 18	1
2102SD44	38 1 7	112 26 33	<1	2154SD41	38 20 58	112 4 34	<1
2103SD44	38 0 8	112 25 16	<1	2155SD41	38 19 19	112 6 17	1
2104SD44	38 2 40	112 23 20	2	2156SD44	38 8 20	112 21 11	<1
2105SD44	38 3 57	112 23 25	<1	2157SD43	38 9 59	112 28 24	2
2106SD44	38 3 57	112 21 25	3	2158SD44	38 9 32	112 27 32	1
2107SD44	38 3 59	112 20 0	1	2160SD44	38 8 55	112 8 56	<1
2108SD44	38 5 11	112 20 6	<1	2163SD44	38 12 20	112 5 50	<1
2109SD44	38 7 34	112 19 28	1	2164SD44	38 14 45	112 8 18	<1
2113SD44	38 5 17	112 12 50	<1	2165SD44	38 14 17	112 1 3	<1
2114SD44	38 3 43	112 11 50	<1	2301SD41	38 28 41	112 20 36	1
2115SD44	38 6 33	112 6 2	2	2302SD41	38 28 30	112 20 49	1
2117SD44	38 7 15	112 8 46	1	2303SD41	38 28 32	112 20 52	<1
2118SD44	38 10 28	112 10 12	<1	2305SD41	38 27 50	112 22 28	1
2120SD44	38 8 19	112 18 8	<1	2306SD41	38 27 39	112 22 29	1
2121SD44	38 14 50	112 21 43	<1	2307SD41	38 27 37	112 22 19	1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
2309SD41	38 26 28	112 15 9	1	2366SD44	38 4 33	112 17 35	<1
2311SD41	38 26 23	112 18 44	3	2367SD44	38 4 8	112 16 40	<1
2313SD41	38 24 58	112 18 37	8	2368SD44	38 5 22	112 15 37	<1
2314SD41	38 25 7	112 19 19	7	2369SD44	38 2 32	112 18 15	<1
2315SD41	38 29 14	112 15 9	<1	2370SD44	38 2 33	112 18 15	<1
2316SD41	38 28 23	112 14 24	<1	2370SD44	38 2 33	112 18 15	<1
2317SD41	38 28 52	112 13 14	1	2371SD44	38 2 21	112 18 25	3
2318SD41	38 28 53	112 13 20	<1	2372SD44	38 2 17	112 16 20	<1
2319SD41	38 28 55	112 13 19	1	2373SD44	38 0 24	112 15 55	<1
2320SD41	38 29 18	112 11 52	2	2375SD42	38 29 20	112 32 7	<1
2321SD41	38 27 6	112 12 26	1	2376SD42	38 29 21	112 32 13	1
2322SD41	38 28 20	112 10 55	<1	2377SD42	38 28 2	112 31 43	1
2323SD41	38 27 8	112 9 59	<1	2378SD42	38 27 59	112 31 43	<1
2324SD41	38 25 3	112 10 38	<1	2379SD42	38 28 41	112 30 9	<1
2325SD41	38 24 14	112 11 20	1	2380SD42	38 28 37	112 30 8	<1
2326SD41	38 26 1	112 12 14	<1	2381SD41	38 28 51	112 28 1	<1
2327SD41	38 23 40	112 19 12	5	2382SD41	38 28 51	112 28 3	4
2329SD41	38 23 25	112 16 23	26	2383SD41	38 28 45	112 28 15	<1
2332SD41	38 21 51	112 19 37	4	2384SD41	38 28 40	112 28 21	<1
2333SD41	38 20 59	112 18 58	6	2385SD41	38 28 1	112 28 11	<1
2334SD41	38 22 10	112 15 29	50	2386SD41	38 27 58	112 28 11	<1
2335SD41	38 22 3	112 15 9	8	2387SD41	38 28 2	112 25 18	2
2336SD41	38 15 59	112 15 36	<1	2388SD41	38 21 56	112 28 59	10
2337SD41	38 17 43	112 15 41	1	2389SD41	38 23 27	112 25 29	1
2339SD41	38 16 16	112 17 39	1	2390SD41	38 22 54	112 26 39	1
2340SD41	38 18 17	112 17 38	1	2391SD41	38 24 28	112 24 51	3
2343SD44	38 14 37	112 19 44	<1	2392SD41	38 26 29	112 26 36	1
2345SD42	38 16 37	112 31 31	1	2393SD41	38 27 5	112 22 40	3
2346SD42	38 17 13	112 31 8	1	2394SD41	38 27 29	112 19 2	<1
2347SD42	38 20 26	112 31 19	2	2395SD41	38 28 31	112 17 45	<1
2348SD42	38 20 58	112 31 5	1	2396SD42	38 29 29	112 35 55	<1
2349SD41	38 20 31	112 29 22	1	2398SD42	38 29 36	112 35 56	1
2350SD41	38 20 42	112 28 54	1	2399SD41	38 18 18	112 6 44	3
2351SD41	38 20 35	112 28 54	<1	2400SD41	38 17 12	112 6 11	1
2353SD41	38 20 59	112 28 23	3	2401SD41	38 16 15	112 6 40	<1
2354SD41	38 21 17	112 27 58	3	2403SD41	38 15 53	112 4 5	<1
2355SD41	38 21 4	112 27 6	1	2404SD41	38 15 51	112 4 7	<1
2356SD41	38 21 3	112 27 7	1	2405SD41	38 16 14	112 3 57	<1
2357SD44	38 1 32	112 21 33	<1	2406SD11	38 51 4	112 15 30	<1
2358SD44	38 0 53	112 19 36	<1	2408SD11	38 51 18	112 16 34	<1
2360SD44	38 1 1	112 18 55	<1	2409SD11	38 51 45	112 21 8	<1
2361SD44	38 2 10	112 20 47	<1	2410SD11	38 49 41	112 16 40	<1
2363SD44	38 6 16	112 20 15	<1	2411SD11	38 49 42	112 16 38	<1
2364SD44	38 6 32	112 16 55	<1	2412SD11	38 49 33	112 16 29	<1
2365SD44	38 5 41	112 17 25	<1	2413SD11	38 49 27	112 19 4	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
2415SD11	38 47 53	112 22 26	<1	2467SD44	38 7 26	112 14 12	<1
2416SD11	38 47 59	112 19 51	1	2468SD44	38 7 27	112 14 10	<1
2417SD11	38 48 8	112 17 6	<1	2469SD41	38 15 32	112 18 21	<1
2418SD11	38 47 52	112 15 16	<1	2601SD14	38 40 42	112 16 15	45
2419SD11	38 45 17	112 16 44	<1	2602SD11	38 48 56	112 6 35	<1
2421SD11	38 46 30	112 19 14	<1	2603SD11	38 50 12	112 6 47	<1
2422SD13	38 39 25	112 31 11	<1	2604SD11	38 50 0	112 3 20	1
2423SD13	38 36 54	112 30 54	<1	2605SD11	38 50 2	112 3 6	<1
2424SD14	38 32 22	112 20 22	<1	2606SD11	38 51 37	112 5 59	<1
2425SD14	38 39 32	112 2 16	1	2607SD11	38 52 0	112 6 45	1
2426SD14	38 38 14	112 5 1	<1	2608SD11	38 52 2	112 10 3	1
2427SD14	38 35 33	112 3 21	2	2609SD11	38 52 10	112 10 20	<1
2428SD14	38 34 41	112 3 22	1	2610SD11	38 49 54	112 8 49	1
2429SD14	38 34 48	112 3 3	<1	2611SD11	38 45 19	112 8 34	<1
2430SD14	38 32 43	112 2 0	<1	2612SD11	38 45 24	112 11 40	<1
2431SD14	38 30 52	112 6 20	<1	2613SD11	38 47 6	112 14 8	<1
2432SD14	38 30 28	112 4 37	<1	2614SD11	38 47 59	112 10 42	<1
2433SD14	38 32 58	112 6 44	<1	2615SD11	38 50 20	112 11 4	<1
2434SD41	38 27 11	112 27 21	1	2616SD11	38 53 50	112 11 54	<1
2435SD41	38 27 1	112 27 20	<1	2617SD11	38 53 22	112 13 11	<1
2436SD41	38 24 27	112 21 6	2	2618SD11	38 54 38	112 10 36	1
2437SD41	38 23 41	112 22 1	5	2619SD11	38 54 58	112 0 19	1
2438SD41	38 21 41	112 21 6	4	2620SD11	38 53 52	112 3 16	<1
2439SD41	38 19 28	112 19 32	1	2621SD11	38 53 35	112 7 9	1
2440SD41	38 19 57	112 17 40	2	2622SD11	38 55 3	112 4 56	<1
2441SD41	38 19 57	112 15 2	1	2623SD11	38 56 16	112 6 25	<1
2442SD41	38 18 53	112 16 6	2	2624SD11	38 57 53	112 3 10	<1
2443SD41	38 16 51	112 19 12	<1	2625SD11	38 59 34	112 6 45	<1
2444SD41	38 17 58	112 20 19	1	2626SD41	38 58 38	112 7 57	<1
2445SD41	38 16 24	112 23 42	<1	2627SD11	38 57 16	112 14 48	<1
2446SD14	38 32 55	112 15 53	1	2628SD11	38 58 3	112 11 45	1
2447SD44	38 6 30	112 0 55	<1	2629SD11	38 54 26	112 18 13	<1
2448SD44	38 5 25	112 2 45	1	2630SD11	38 45 30	112 24 47	<1
2449SD44	38 0 31	112 2 29	<1	2631SD14	38 39 21	112 18 21	<1
2450SD44	38 1 7	112 0 28	<1	2633SD14	38 40 1	112 19 30	1
2451SD44	38 2 17	112 2 32	<1	2634SD14	38 40 17	112 22 10	<1
2452SD44	38 2 22	112 2 1	<1	2636SD14	38 37 38	112 20 15	<1
2453SD44	38 2 20	112 2 1	<1	2638SD14	38 38 57	112 21 38	<1
2454SD44	38 3 24	112 2 51	1	2639SD14	38 35 47	112 22 47	<1
2455SD44	38 2 49	112 6 16	<1	2801SD12	38 57 29	112 29 44	1
2456SD44	38 4 7	112 0 17	<1	2803SD12	38 59 54	112 27 37	<1
2457SD44	38 4 59	112 4 49	<1	2806SD11	38 47 11	112 23 33	1
2459SD44	38 4 32	112 8 20	<1	2807SD11	38 45 48	112 23 8	<1
2464SD44	38 6 33	112 21 42	<1	2808SD11	38 45 39	112 21 44	1
2466SD44	38 7 3	112 14 18	<1	2810SD44	38 44 49	112 20 51	<1

TABLE 2. ANALYTICAL RESULTS FOR GOLD IN STREAM-SEDIMENT SAMPLES, RICHFIELD QUADRANGLE, UTAH--Continued

Sample	LATITUDE	LONGITUD	AU(PPB)	Sample	LATITUDE	LONGITUD	AU(PPB)
2811SD44	38 44 36	112 19 35	2	2873SD44	38 9 54	112 19 46	2
2812SD11	38 49 14	112 21 35	<1	2874SD44	38 10 0	112 19 34	<1
2814SD11	38 50 14	112 20 37	1	2875SD44	38 9 52	112 21 2	1
2815SD11	38 50 16	112 19 32	<1	2876SD44	38 8 25	112 18 50	1
2817SD11	38 56 38	112 15 7	2	2877SD44	38 13 52	112 6 58	1
2819SD11	38 57 15	112 15 19	2	2878SD44	38 11 46	112 6 56	1
2820SD11	38 55 34	112 16 13	1	2879SD44	38 11 23	112 6 30	1
2822SD11	38 54 25	112 17 32	<1	2880SD44	38 11 2	112 4 47	1
2824SD11	38 53 40	112 20 12	2	2881SD44	38 9 54	112 3 38	<1
2828SD44	38 1 24	112 28 10	2	2882SD44	38 9 43	112 2 53	1
2829SD44	38 8 12	112 23 19	1	2883SD44	38 11 18	112 2 27	1
2830SD44	38 8 12	112 25 9	<1	2884SD44	38 10 16	112 2 44	1
2831SD41	38 28 56	112 23 27	340	2886SD44	38 12 53	112 1 59	1
2832SD41	38 29 12	112 23 20	22	2887SD44	38 9 28	112 1 27	1
2833SD41	38 28 37	112 24 6	7	2888SD44	38 9 27	112 1 29	1
2836SD41	38 28 59	112 23 57	120	2889SD44	38 9 13	112 1 25	1
2837SD41	38 28 57	112 25 43	6	2890SD44	38 12 3	112 4 15	<1
2838SD41	38 29 0	112 25 44	5				
2839SD41	38 29 5	112 25 54	25				
2841SD41	38 29 14	112 8 18	<1				
2843SD41	38 27 22	112 8 35	1				
2844SD41	38 28 55	112 7 20	<1				
2845SD41	38 26 30	112 8 32	1				
2846SD41	38 26 4	112 7 24	1				
2847SD41	38 24 58	112 8 20	1				
2849SD41	38 23 15	112 10 55	9				
2851SD41	38 21 30	112 2 31	1				
2853SD41	38 20 10	112 0 28	1				
2854SD41	38 19 25	112 0 14	1				
2855SD41	38 18 34	112 0 40	2				
2856SD44	38 8 18	112 12 12	1				
2857SD44	38 9 35	112 12 51	2				
2858SD44	38 11 39	112 10 40	<1				
2859SD44	38 11 38	112 10 45	<1				
2860SD44	38 11 40	112 10 37	1				
2862SD44	38 11 23	112 9 2	<1				
2863SD44	38 11 40	112 8 2	<1				
2864SD44	38 13 27	112 16 41	2				
2865SD44	38 13 40	112 18 29	1				
2867SD44	38 12 24	112 18 56	1				
2868SD44	38 11 30	112 19 19	1				
2869SD44	38 11 50	112 21 9	1				
2870SD44	38 12 3	112 21 13	1				
2872SD44	38 9 55	112 19 41	1				
2873SD44	38 9 54	112 19 46	3				