

Sample ID	Deposit	Area	Description	Au (ppm)	Ag (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Hg (ppm)	F (ppm)	
SP97901	Xiaomaping	Jidong	oxide breccia	0.0000	0.0420	95.9000	101.0000	<5		0.0230	
SP97902	Xiaomaping	Jidong	oxide breccia	0.0004	0.1160	145.0000	156.0000	<5		0.0140	
SP97903	Zimmudang	Dian-Qian-Gui	hypogene fg sandstone, dissem. sulfides	0.0002	0.0700	248.0000	2.4600	<5		2.8300	
SP97904	Zimmudang	Dian-Qian-Gui	hypogene fg sandstone, dissem. sulfides	0.0000	0.0660	281.0000	3.8300	<5		4.8200	
SP97905	Zimmudang	Dian-Qian-Gui	hypogene fg sandstone, dissem. sulfides	1.1600	0.0820	170.0000	4.7600	<5		0.6930	
SP97906	Lannigou	Dian-Qian-Gui	stibnite-bearing ore, dissem. Py	2.4900	0.2720	2883.0000	29.8000	<5		48.4000	
SP97907	Lannigou	Dian-Qian-Gui	As-rich dissem. py in hypogene ore	3.9200	0.2530	2224.0000	7.3200	<5		8.6300	
SP97908	Lannigou	Dian-Qian-Gui	As-rich dissem. py in hypogene ore	30.5000	0.4560	5819.0000	23.3000	<5		19.4000	
SP97909	Lannigou	Dian-Qian-Gui	As-rich dissem. py in hypogene ore	16.9000	0.2670	4749.0000	9.3000	<5		18.0000	
SP97910	Gaolong	Dian-Qian-Gui	siliceous oxide ore	0.0010	0.1000	1898.0000	11.7000		5.0000	0.4300	
SP97911	Gaolong	Dian-Qian-Gui	siliceous oxide ore	0.0520	0.4900	85.1000	80.3000	<5		1.0100	
SP97912	Gaolong	Dian-Qian-Gui	jasperoid	0.0640	0.2280	37.3000	32.8000	<5		1.3100	
SP97913	Gaolong	Dian-Qian-Gui	altered fg sandstone with dissem py	0.0000	0.0910	340.0000	14.7000	<5		0.2710	
SP97914	Gaolong	Dian-Qian-Gui	siliceous oxide ore	0.0004	0.1370	408.0000	28.6000		5.0000	0.2850	
SP97915	Hengxian	Dian-Qian-Gui	stibnite-bearing ore	1.9200	5.1400	1259.0000	9634.0000	<5		15.5000	
SP97916	Hengxian	Dian-Qian-Gui	barite-stibnite ore in breccia with py	4.8000	44.6000	468.0000	9690.0000	<5		28.1000	
SP97917	Hengxian	Dian-Qian-Gui	stibnite ore, oxide breccia	0.3080	21.2000	79.7000	9823.0000	<5		13.5000	
SP97918	Hengxian	Dian-Qian-Gui	stibnite-bearing ore	0.7180	6.7300	70.1000	9690.0000	<5		8.9100	
SP9902A	Zhenan	Qinling fold belt	arsenopyrite in carbon layers,NW	0.2600	0.7700	0.8200	0.0013		0.6600	0.5800	1520.0000
SP99003A	Zhenan	Qinling fold belt	breccia and calcite, 5 g/t?	19.0000	0.4300	1.1200	0.0010		0.3700	0.6000	544.0000
SP99004	Zhenan	Qinling fold belt	carbonaceous ore, SW vein	<0.1	0.7100	0.0340	0.0008		0.5800	0.5300	768.0000
SP99005	Maanqiao	Qinling fold belt	#18 lode, sericite- biotite shear zone	4.5900	2.9900	0.1600	0.0110		1.3700	0.1200	860.0000
SP99006	Maanqiao	Qinling fold belt	#2 lode, shear zone-hosted	6.6100	3.1000	0.0020	0.0006		1.7400	0.0300	344.0000
SP99007	Maanqiao	Qinling fold belt	#20 lode, shear zone-hosted	15.6000	4.6100	0.4500	0.0210		0.3200	0.1500	1080.0000
SP99008	Maanqiao	Qinling fold belt	K19 lode, shear zone	9.3900	2.1800	0.0290	0.0007		0.8100	0.0300	1160.0000
SP99009	Maanqiao	Qinling fold belt	K19-18 shear zone	<0.1	0.1500	0.0880	0.0007		0.1500	0.0300	672.0000
SP99011	Songpangou	Qinling fold belt	#5 orebody, realgar, pyrite, calcite, quartz	7.6800	0.9400	1.6600	0.0055		0.2500	0.7400	768.0000
SP99012	Songpangou	Qinling fold belt	#5 orebody, orpiment			20.8300	1.6600		0.8600	710.0000	
SP99013	Songpangou	Qinling fold belt	dump sample, mix of orpiment & realgar	2.5600	1.2000	0.7600	0.0230		0.2500	1132.0000	512.0000
SP99014	Qiaoqiaoshang	Qinling fold belt	realgar, cinnabar	1.0500	0.4900	19.8200	0.1100		0.6200	57.7000	212.0000
SP00001	Xiaojiapu	Middle-Lower Yangtze River	diamond drill core sphalerite, fl	83.5000	56.5000	9.8400	32.5000		0.8600	31500.0000	4700.0000
SP00002	Xiaojiapu	Middle-Lower Yangtze River	gossan, ed, earthy, layered	3919	3.75	490	20		322	820	540
SP00003	Xiaojiapu	Middle-Lower Yangtze River	siliceous, pyritic ore	416	14.8	48	1.35		4.2	410	180
SP00004	Xiaojiapu	Middle-Lower Yangtze River	yellow, earthy gossan	666	54.8	10050	460		3900	40	1010
SP00005	Xiaojiapu	Middle-Lower Yangtze River	oxide ore, sandstone	1188	2.75	359	18		15	21	980
SP00006	Xiaojiapu	Middle-Lower Yangtze River	celestite ore, massive, white	15.6	0.45	6.62	0.6		2	35	80
SP00007	Zhanghai	Middle-Lower Yangtze River	large, black, layered slate, pyritic	1438	5.75	276	5.96		4.8	270	2220
SP00008	Zhanghai	Middle-Lower Yangtze River	large, black, layered slate, pyritic	1821	5.25	346	11.8		17.2	400	2600
SP00009	Zhanghai	Middle-Lower Yangtze River	large, black, layered slate, pyritic	562	0.52	700	2.8		19.2	230	1290
SP00010	Zhanghai	Middle-Lower Yangtze River	large, black, layered slate, pyritic	979	0.35	393	8.5		2.2	200	1340
SP00011	Shewushan	Middle-Lower Yangtze River	red,maroon dolomitic limestone, siliceous	1821	0.34	186	16.4		1.54	15500	780
SP00012	Shewushan	Middle-Lower Yangtze River	Ordovician(?) limestone at base of deposit	10	0.18	164	6.5		2.92	580	190
SP00013	Shewushan	Middle-Lower Yangtze River	oolitic Ordovician limestone	34.3	0.34	122	2.88		2.2	190	270
SP00014	Shewushan	Middle-Lower Yangtze River	network, saprolite	896	0.36	123	12.4		0.73	2500	320
SP00015	Shewushan	Middle-Lower Yangtze River	cataclastic, silicified zone, top of deposit	1458	3.5	162	26.4		5.4	4700	670
SP00016	Shewushan	Middle-Lower Yangtze River	cataclastic, silicified zone, top of deposit	1312	0.46	193	24.8		1.18	10000	750
SP00017	Xinqiao	Middle-Lower Yangtze River	high cpy ore from shaft area	2522	152	144	16.6		180	48	160
SP00018	Xinqiao	Middle-Lower Yangtze River	high cpy ore from shaft area	4189	145	210	18.4		110	15	190
SP00019	Xinqiao	Middle-Lower Yangtze River	high py-cpy-po ore	2783	66.2	668	2.88		130	21	110
SP00020	Xinqiao	Middle-Lower Yangtze River	dissem and veinlets py in marble	646	23	200	5.72		270	24	190
SP00021	Mashan	Middle-Lower Yangtze River	massive po ore	1188	21	212	2.46		10	61	170
SP00022	Mashan	Middle-Lower Yangtze River	py, cpy in marble and calcsilicate rock	5450	10	1300	16.2		11	12	260
SP00023	Mashan	Middle-Lower Yangtze River	coarse cpy-po ore	3220	7.75	3765	29.2		6.7	23	140
SP00024	Mashan	Middle-Lower Yangtze River	coarse, cpy ore at marble contact	1104	13.8	7230	30.8		9.2	12	190
SP00025	Mashan	Middle-Lower Yangtze River	Fe-rich black sphalerite, coars cpy, aspy	8491	32	28400	21.2		65	10	210
SP00026	Mashan	Middle-Lower Yangtze River	fine-grained, massive arsenopyrite	7906	13.5	70000	70		30	10	140
SP00027	Mashan	Middle-Lower Yangtze River	Lower horizon, coarse cpy, py, aspy	6058	6	900	1.7		16	15	3280
SP00028	Huangshilaoshan	Middle-Lower Yangtze River	massive po ore	271	4.5	500	2.28		4.5	10	140
SP00029	Huangshilaoshan	Middle-Lower Yangtze River	coarse cpy, aspy ore	834	13.5	1950	13.4		28.8	16	170
SP00030	Huangshilaoshan	Middle-Lower Yangtze River	massive po, py	16	8	923	3.8		22.8	20	100
SP00031	Huangshilaoshan	Middle-Lower Yangtze River	red gossan	25562	120	1960	300		230	91	390

W (ppm)	Cd (ppm)	U (ppm)	TiO2 (%)	C (%)	SiO2 (%)	S (%)	K2O (%)	CaO (%)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ni (ppm)	Co (ppm)	Tl (ppm)	Mo (ppm)	Ba (ppm)	Se (ppm)	Te (ppm)	Sr (ppm)
147.0000	0.0500	<10	<0.01				0.0500	18.8300	1.4000	7.2800	10.4000	3.0000	2.0000	0.5960	0.3320	10.0000	0.1670	0.2590	
208.0000	0.0440	<10	<0.01				0.0400	17.8900	2.0000	10.7000	12.1000	5.0000	<2	0.4020	0.9730	9.0000	0.2570	0.2680	
9.0000	0.0260	<10	0.7000				1.0300	22.0300	31.1000	2.4800	40.2000	27.0000	11.0000	0.4240	0.3550	19.0000	0.1070	0.2230	
8.0000	0.0300	<10	0.8000				1.2600	22.6200	14.5000	2.2000	42.3000	33.0000	13.0000	0.5770	0.5410	36.0000	0.0170	0.2490	
5.0000	0.0300	<10	0.0600				0.1400	34.8100	5.8900	0.8610	7.2100	3.0000	<2	0.6120	2.4300	10.0000	0.0400	0.2040	
4.0000	0.1250	<10	0.1600				1.5700	1.5200	15.1000	17.0000	56.1000	22.0000	8.0000	0.9330	4.3800	147.0000	0.5900	0.3180	
<4	0.1160	<10	0.1300				1.3600	0.0700	26.2000	10.2000	39.5000	19.0000	6.0000	0.9540	4.5200	117.0000	0.6090	0.3330	
5.0000	0.2630	<10	0.2100				1.6600	0.6500	48.5000	11.1000	94.6000	26.0000	11.0000	1.3100	4.4700	146.0000	1.7300	0.5300	
<4	0.1160	<10	0.1500				1.2000	0.0200	53.5000	6.9800	45.9000	22.0000	7.0000	0.8120	5.5200	104.0000	2.0000	0.5860	
<4	0.0680	<10	0.3400				2.8500	0.0400	28.1000	8.7800	30.4000	25.0000	12.0000	1.2300	2.3700	391.0000	0.8970	0.1730	
<4	1.5000	<10	0.0500				0.1500	0.1100	16.2000	2.3300	47.6000	29.0000	<2	2.7200	8.9400	91.0000	0.2500	0.2530	
<4	0.4660	<10	0.0100				0.0700	0.2500	5.5100	1.5100	15.3000	11.0000	12.0000	0.7580	6.8600	99.0000	0.1930	0.2200	
<4	0.1800	<10	0.2700				2.4500	3.1900	21.1000	7.5000	79.9000	28.0000	13.0000	0.6730	1.9500	321.0000	0.1780	0.3120	
<4	0.1930	<10	0.2700				2.5700	3.0400	22.6000	7.9700	89.6000	31.0000	2.0000	0.9090	1.3200	343.0000	0.2660	0.2130	
<4	10.2000	<10	0.0300				0.1500	0.0200	17.3000	928.0000	6.7500	5.0000	6.0000	17.0000	4.5500	379.0000	57.4000	0.0000	
<4	2.0500	<10	0.0200				0.3300	0.0100	136.0000	14.2000	9.1500	7.0000	<2	5.5200	12.1000	1144.0000	39.5000	0.4190	
<4	5.6000	<10	<0.01				0.0100	0.0100	13.4000	43.4000	1.0600	4.0000	<2	27.7000	1.4500	4.0000	54.9000	22.6000	
<4	3.1400	<10	<0.01				0.0100	<0.01	59.3000	45.8000	0.7930	3.0000	6.0000	26.5000	1.7400	5.0000	63.2000	20.0000	
10.9000	1.6000	7.2000	0.4600	1.6700	24.7000	2.4700	6.0400	2.3400	23.4000	29.1000	55.4000	45.3000	28.6000	1.5000					
4.7000	1.2000	2.4000	0.1200	2.2000	36.2400	0.7400	1.2500	3.8000	9.1000	32.0000	25.1000	27.1000	9.8000	0.7000					
5.1000	0.6000	4.0000	0.3700	2.8000	24.2800	1.2800	4.4600	2.2200	27.9000	55.3000	64.5000	41.4000	109.1000	0.4000					
7.0000	2.6000	30.0000	0.3700	3.1800	23.4300	3.8500	2.9000	6.5800	18.4000	174.8000	45.6000	66.1000	59.7000	1.4000					
9.7000	1.5000	7.2000	0.2900	2.3600	30.5500	1.7600	1.4400	3.7400	70.5000	54.4000	56.0000	32.3000	23.8000	0.6000					
6.0000	1.5000	3.4000	0.2600	3.1100	29.9600	5.2900	3.1200	1.5800	63.9000	56.3000	50.2000	41.9000	31.1000	0.3000					
7.6000	1.5000	8.0000	0.3100	3.8200	24.3800	3.3700	3.4100	4.5000	26.6000	44.7000	51.5000	78.2000	46.9000	2.0000					
8.1000	1.7000	3.0000	0.2600	3.8000	25.3100	1.2200	1.8300	6.7500	15.5000	44.7000	18.9000	28.9000	28.0000	1.7000					
8.7000	1.2000	7.2000	0.1400	2.8000	33.1200	1.4900	1.0500	4.1200	9.8000	29.1000	30.0000	21.7000	13.4000	1.4000					
6.3000	0.7000	3.4000	0.0800	0.2800	41.6700	0.2700	0.6600	0.4600	8.8000	17.5000	12.4000	9.2000	7.3000	0.7000					
7.9000	4.9000	3.2000	0.0970	5.9000	24.0800	11.6700	0.1100	1.3200	14.6000	17.5000	15.3000	11.8000	14.0000	1.8000					
0.2800	262.0000		0.0170	2.6500	41.3600	10.7900	0.1200	12.8600	492.1000	>5000.0	>5000.0	7.1000	4.5000	0.9000					
2.76	16.5		0.045	0.28	6.53	0.27	0.17	0.65	3000	417.6	2000	52	6.2	0.2					
1.5	3.8		0.027	0.34	72.76	4.64	0.07	0.43	264.5	183.6	49.5	5.9	2.8	0.2					
24.4	3		0.61	0.27	2668	2.52	1.68	0.33	250.1	>5000.0	50.2	4	3	1.5					
19.4	2.5		0.57	0.23	55.38	0.33	0.52	0.33	1465.4	1150	502.5	12.5	3.3	0.2					
0.2	0.98		0.011	0.18	79.09	10.09	0.065	6.42	76.9	97.3	51.5	4	2.6	0.2					
24.4	2		0.54	0.24	66.36	5.04	3.98	0.65	123.4	153.9	102.3	23.3	15	17					
26.8	2.2		0.49	0.18	71.82	4.34	3.58	0.33	101.2	493.1	181.2	17	14.1	9.5					
238	0.32		0.56	0.3	66.62	4.64	4.2	0.33	40.2	450	178.6	25.3	26.9	21.8					
36.4	0.3		0.61	0.35	64.85	3.43	5	0.22	46.9	51.8	99.3	25.1	15.1	12					
2.26	1.8		0.22	0.3	84.13	0.17	0.48	0.49	43.2	2.6	121.5	6.6	2.6	0.75					
0.38	0.52		0.024	11.6	5.8	0.07	0.098	51.87	22.9	95.9	52.5	3	28	1.2					
0.28	1.4		0.027	0.83	3.12	0.1	0.16	53.01	33.5	23	50.5	3	2.9	1.95					
0.72	0.49		0.093	0.3	88.37	0.08	0.39	0.87	69	81.1	51.1	10.6	35.2	0.9					
6.7	2.2		0.18	0.53	86.53	0.07	0.83	0.33	75.2	304.7	122.8	3.5	2.8	0.85					
2.26	2.1		0.17	0.68	86.43	0.08	0.67	0.33	88.6	63.2	50.4	5.3	3	0.85					
6.3	6.8		1.81	1.52	12.18	36.1	0.04	4.51	>5000	415.3	847.1	3.3	2.8	0.3					
6.5	6.8		0.017	2.08	8.57	36.31	0.025	12.34	>5000	391.1	1161.7	13	3	0.55					
0.84	5.5		0.55	1.55	0.37	47.97	0.025	0.22	>5000	1289.3	445.8	3.7	3.9	0.55					
1.94	8.8		0.11	7.92	5.8	15.33	0.2	0.82	>5000	849.2	677.3	4	2.7	0.55					
1.06	4		0.052	0.57	0.76	41.35	0.032	5.11	1702.3	651.2	217.3	4.5	3	0.2					
4.64	3.8		0.013	0.76	17.53	41.76	0.055	4.89	1165.2	627.9	196	4.1	3.5	0.3					
4.16	3.5		0.013	0.91	2.02	47.4	0.095	4.68	1055.9	117.2	20.6	3	11.5	0.3					
0.42	9.8		0.048	2.77	4.56	32.68	0.04	18.48	822.1	826.9	1486.8	3.7	2.8	0.2					
0.06	260		0.034	1.25	0.57	36.91	0.025	0.87	1705.2	329.1	>5000.0	3.5	2.7	0.3					
0.1	8.1		0.048	1.1	0.31	25.42	0.022	0.05	1220.4	278.2	1356.5	17.2	85.5	0.3					
1.42	5.8		0.056	0.53	20.09	27.03	0.025	0.43	>5000	5	610	4.2	95.8	0.3					
0.22	3.8		0.03	0.53	0.47	42.36	0.022	11.42	2204	20.3	640.1	3.5	6.1	0.3					
3.32	3.5		0.02	1.4	0.52	44.08	0.022	0.65	1787.7	140.2	390.3	3.2	5.7	0.3					
0.72	7.5		0.028	0.49	0.27	41.76	0.022	0.33	1477.2	150.2	322.6	3.2	8.1	0.3					
45.2	5		0.032	0.45	19.25	1.17	0.82	2.17	622.6	>5000.0	824.6	4	3	0.9					

Sample ID	Au	Ag	As	Sb	Bi	Hg
SP9902A	0.2600	0.7700	0.8200	0.0013	0.6600	0.5800
SP99003A	19.0000	0.4300	1.1200	0.0010	0.3700	0.6000
SP99004	<0.1	0.7100	0.0340	0.0008	0.5800	0.5300
SP99005	4.5900	2.9900	0.1600	0.0110	1.3700	0.1200
SP99006	6.6100	3.1000	0.0020	0.0006	1.7400	0.0300
SP99007	15.6000	4.6100	0.4500	0.0210	0.3200	0.1500
SP99008	9.3900	2.1800	0.0290	0.0007	0.8100	0.0300
SP99009	<0.1	0.1500	0.0880	0.0007	0.1500	0.0300
SP99011	7.6800	0.9400	1.6600	0.0055	0.2500	0.7400
SP99012			20.8300	1.6600	0.8600	710.0000
SP99013	2.5600	1.2000	0.7600	0.0230	0.2500	1132.0000
SP99014	1.0500	0.4900	19.8200	0.1100	0.6200	57.7000