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付録1 河床堆積物の分析結果 (1,012個)

(1)

SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
1506	7	22430	39950	0.0	4.1	33.8	29.9	1556	0	17290	36360	0.0	2.6	21.4	25.2
1507	0	21820	39940	0.0	12.5	24.9	51.6	1557	0	16690	36490	0.0	9.0	35.6	60.2
1508	7	22580	39320	0.0	7.1	27.6	47.4	1558	0	16700	35800	0.0	6.2	24.6	27.9
1509	0	22740	39100	0.0	14.8	34.0	71.4	1559	0	16250	35530	0.0	15.0	31.0	57.6
1510	0	22610	39060	0.0	14.7	35.6	75.6	1560	0	15720	35460	0.0	12.6	29.9	42.2
1511	11	20350	37860	0.1	108.9	13.8	6.4	1561	0	15920	35330	0.0	3.2	31.3	23.1
1512	11	20070	37750	0.0	30.4	21.6	102.5	1562	0	15470	35210	0.0	18.2	25.6	61.8
1513	0	20150	37670	0.1	29.8	20.8	91.2	1563	7	19440	35810	0.0	3.3	23.0	33.8
1514	0	23600	36820	0.0	29.9	36.1	120.8	1564	7	19350	35680	0.0	4.0	27.1	40.6
1515	0	23470	36850	0.0	35.7	26.2	99.7	1565	7	18820	35850	0.0	3.0	20.5	27.9
1516	0	23450	36730	0.0	33.2	40.7	152.5	1566	7	18660	35800	0.0	6.7	21.3	33.3
1517	0	23680	36610	0.0	22.0	25.2	129.1	1567	7	18920	35300	0.0	17.1	17.1	29.1
1518	0	24170	36360	0.0	27.3	31.7	101.2	1568	7	18750	35320	0.0	5.6	19.9	24.6
1519	0	24220	36270	0.0	34.5	31.0	97.6	1569	4	14560	37830	0.0	8.9	17.7	34.8
1520	0	24000	36200	0.0	37.7	28.9	111.3	1570	4	14600	37710	0.0	9.1	24.2	54.2
1521	0	24050	36200	0.1	55.7	52.8	140.1	1571	4	14800	37620	0.0	9.2	20.3	40.3
1522	0	24180	35800	0.0	6.4	28.5	61.9	1572	4	13650	37930	0.0	12.0	17.3	47.3
1523	0	24450	35420	0.0	30.8	32.0	108.0	1573	7	13500	37850	0.0	15.1	36.5	144.4
1524	0	24560	35390	0.0	33.3	32.0	106.2	1574	4	13700	37620	0.0	6.1	19.8	28.9
1525	0	18210	39900	0.0	17.2	30.1	90.9	1575	7	13370	37700	0.3	11.2	29.5	115.0
1526	0	18090	39570	0.0	11.2	23.7	101.1	1576	0	13400	37530	0.0	29.9	44.6	181.8
1527	0	17550	39600	0.0	9.7	12.6	36.8	1577	7	12880	38220	0.1	17.9	65.6	143.3
1528	0	16960	39400	0.0	9.4	14.3	30.6	1578	7	11120	38950	0.0	21.7	29.4	47.2
1529	0	16700	39200	0.0	9.3	13.2	27.3	1579	7	10990	38930	0.0	19.5	33.2	51.9
1530	0	16750	38860	0.0	11.7	3.6	30.3	1580	7	10610	39150	0.0	21.5	34.2	58.5
1531	7	16470	38650	0.0	9.0	13.1	28.5	1581	7	10440	39260	0.0	20.0	36.9	61.2
1532	7	16300	38350	0.0	7.9	11.0	23.0	1582	7	11440	38390	0.0	20.4	29.9	48.8
1533	7	15930	38170	0.0	7.5	6.2	29.0	1583	7	11030	38330	0.0	3.3	23.4	50.1
1534	7	15860	38020	0.0	8.5	11.4	21.0	1584	7	11120	37770	0.1	10.0	20.1	70.1
1535	7	15740	37830	0.0	6.3	17.1	48.6	1585	7	10900	37490	0.0	2.5	19.7	41.5
1536	4	15420	37740	0.0	9.3	11.6	33.0	1586	7	11050	37380	0.0	21.1	22.2	42.7
1537	4	15200	37360	0.0	8.8	14.9	21.8	1587	5	10810	36820	0.0	19.7	28.5	45.5
1538	4	15080	37300	0.0	8.9	17.4	29.1	1588	5	10720	36760	0.0	2.6	28.3	53.2
1539	4	15060	38540	0.0	7.9	12.3	21.1	1589	7	12810	36940	0.0	17.3	37.3	113.7
1540	4	15050	38430	0.0	9.6	12.3	24.3	1590	0	12830	36840	0.0	18.3	42.0	120.4
1541	4	15060	38280	0.0	8.7	10.6	20.8	1591	7	9730	39870	0.0	10.9	33.5	77.1
1542	0	18260	38800	0.0	17.4	32.8	105.7	1592	7	9200	39920	0.0	3.1	39.1	112.9
1543	0	18100	38650	0.0	11.2	19.1	49.1	1593	7	9520	39430	0.0	1.7	17.5	53.0
1544	11	19800	38000	0.0	107.9	16.2	11.2	1594	7	9380	39340	0.0	2.7	31.8	98.5
1545	11	19680	38080	0.0	114.2	20.3	16.3	1595	7	6760	39690	0.0	1.2	12.0	39.7
1546	0	18100	38300	0.0	46.1	35.1	140.7	1596	7	6240	39760	0.0	4.6	30.1	34.0
1547	0	18680	38320	0.0	10.8	33.9	61.6	1597	7	6170	39630	0.0	6.8	50.8	79.8
1548	0	18460	38350	0.0	17.7	38.1	134.9	1598	8	6560	39440	0.0	11.6	26.6	54.6
1549	0	18400	38050	0.0	9.3	26.1	69.4	1599	7	6860	39330	0.0	0.7	17.9	37.0
1550	0	18340	38080	0.0	21.0	46.0	352.8	1600	8	6840	39040	0.0	1.1	21.4	70.5
1551	0	18050	37800	0.0	22.7	44.0	178.2	1601	8	5750	38700	0.0	2.3	11.2	33.5
1552	0	17970	37330	0.0	9.6	28.7	57.0	1602	8	5170	39030	0.0	15.6	39.2	72.6
1553	7	18240	37140	0.0	9.6	24.1	44.3	1603	8	6830	38460	0.0	2.3	35.1	53.4
1554	0	18480	36960	0.0	10.6	29.0	68.1	1604	7	7300	38240	0.0	1.7	24.3	52.4
1555	0	18420	36850	0.0	6.5	18.0	27.8	1605	7	7500	37900	0.0	2.3	32.7	46.3

Rock Code : Rock Code Numbers are Shown in Table 4 - 1.

(2)

SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
1606	7	7350	37760	0.0	2.2	12.3	45.9	1656	4	880	35200	0.0	25.9	45.9	118.5
1607	4	7680	36800	0.0	2.2	22.5	55.9	1657	4	430	35690	0.0	15.5	46.6	93.0
1608	7	7900	36850	0.0	2.9	27.8	45.1	1658	5	300	35650	0.0	12.3	46.2	84.4
1609	4	7820	36710	0.0	3.1	25.2	46.4	1659	0	24500	34800	0.0	31.6	28.2	78.0
1610	7	6420	37840	0.0	3.4	49.2	42.5	1660	0	24620	34700	0.0	30.1	40.4	114.8
1611	7	6360	37670	0.0	2.1	25.3	37.0	1661	0	24390	34450	0.0	13.7	21.5	77.3
1612	4	6560	37060	0.0	9.0	44.8	118.8	1662	0	24730	33070	0.0	16.6	23.0	79.3
1613	4	6350	36860	0.0	10.2	44.6	104.8	1663	0	24620	33100	0.0	25.8	32.7	146.6
1614	4	5970	36930	0.0	7.1	38.0	79.1	1664	0	24600	33580	0.0	17.1	33.0	103.5
1615	4	5700	36450	0.0	7.3	42.4	79.0	1665	0	24410	33750	0.0	23.6	23.2	73.9
1616	4	5600	36580	0.0	7.0	40.2	66.8	1666	7	24330	33600	0.2	39.0	16.2	146.6
1617	4	5140	36500	0.0	2.4	38.3	51.9	1667	0	24110	33530	0.0	19.4	20.9	82.1
1618	4	5050	36430	0.0	7.8	45.3	61.4	1668	7	23950	33920	0.0	8.6	10.4	18.1
1619	4	8040	35170	0.0	3.2	22.2	40.2	1669	7	23500	33800	0.0	21.3	34.8	81.9
1620	4	7790	35370	0.0	1.6	29.1	48.4	1670	0	23320	34180	0.0	32.0	31.4	124.6
1621	4	7460	35250	0.0	4.0	28.5	46.9	1671	0	23160	34240	0.0	4.4	11.3	27.4
1622	4	7100	35380	0.0	19.8	33.9	86.9	1672	0	23250	34060	0.0	35.3	22.3	128.7
1623	4	6700	35470	0.0	6.8	36.6	98.9	1673	0	22700	34330	0.3	92.1	40.3	363.0
1624	8	6350	35900	0.0	8.6	43.5	85.2	1674	0	22450	34350	0.0	6.1	23.1	62.3
1625	4	5300	35660	0.0	8.0	37.4	70.2	1675	7	22400	34100	0.0	6.1	17.6	37.5
1626	4	5400	35500	0.0	11.7	45.5	75.3	1676	7	22060	33950	0.0	4.7	14.9	25.5
1627	8	4500	39250	0.0	77.2	28.0	75.1	1677	0	21650	33980	0.0	12.0	24.0	83.9
1628	4	4050	39650	0.0	6.8	35.9	59.2	1678	0	21670	33870	0.0	4.4	8.4	19.6
1629	8	3990	39570	0.0	5.7	34.9	63.0	1679	7	20340	34350	0.0	3.0	10.6	12.4
1630	8	4820	39130	0.0	16.9	33.6	62.4	1680	7	20560	34040	0.0	3.8	10.0	13.7
1631	8	4840	39300	0.0	17.6	31.1	66.7	1681	0	20250	33910	0.0	6.0	11.8	18.0
1632	4	4380	38620	0.0	6.1	30.7	49.1	1682	0	20050	33840	0.0	5.6	11.7	13.7
1633	4	4200	38580	0.0	7.9	28.6	56.3	1683	0	20750	33700	0.0	3.0	10.1	9.9
1634	4	4130	38740	0.0	20.3	25.6	55.4	1684	0	20600	33080	0.0	5.0	11.7	17.0
1635	4	3740	38370	0.0	14.7	35.6	73.2	1685	0	24670	31500	0.0	15.3	14.9	51.0
1636	4	3430	38420	0.0	19.4	29.3	65.2	1686	0	24700	31360	0.0	15.3	25.2	51.5
1637	4	3400	37980	0.0	8.1	32.0	54.6	1687	7	24700	30700	0.0	15.3	17.9	195.4
1638	4	3280	37950	0.0	8.9	32.3	59.8	1688	0	24390	30660	0.6	29.8	54.1	590.0
1639	4	3230	38100	0.0	15.3	41.3	89.2	1689	0	24250	30820	0.0	18.8	22.7	85.2
1640	5	1540	36840	0.0	2.6	47.0	79.9	1690	0	23700	30430	0.6	32.2	52.4	450.0
1641	5	1550	36670	0.0	1.6	48.6	71.0	1691	0	23180	30400	0.0	11.4	32.6	72.6
1642	5	1220	36670	0.0	1.9	39.0	61.3	1692	0	23090	30530	0.1	23.0	25.1	458.9
1643	5	620	36560	0.0	8.5	38.0	67.2	1693	0	22720	30460	0.0	10.5	23.3	60.4
1644	5	60	37150	0.0	10.6	29.9	63.3	1694	0	22750	30310	0.0	11.8	40.9	97.7
1645	5	150	36590	0.0	10.0	29.5	67.6	1695	7	19300	34720	0.0	2.3	16.8	14.5
1646	5	90	36450	0.0	11.5	39.1	74.1	1696	7	19440	34690	0.0	5.7	12.2	21.3
1647	4	4380	35430	0.0	6.4	39.1	68.1	1697	7	19320	34610	0.0	3.5	6.0	10.3
1648	5	4400	35760	0.0	8.0	44.9	73.5	1698	0	19590	34640	0.0	3.4	14.4	11.5
1649	5	4070	35800	0.0	0.9	24.9	30.1	1699	7	15430	34600	0.0	3.5	25.2	34.7
1650	5	4040	35700	0.0	7.9	44.0	79.0	1700	0	19790	33820	0.0	13.7	29.5	46.1
1651	5	2080	35440	0.0	2.6	42.4	72.9	1701	0	19330	33840	0.1	15.4	29.7	34.3
1652	5	2000	36300	0.0	1.9	34.8	44.9	1702	0	19380	33700	0.0	17.4	31.8	92.3
1653	5	1470	35030	0.0	33.3	33.3	102.2	1703	11	18350	33500	0.0	15.3	29.5	45.3
1654	4	1080	35250	0.0	24.0	42.6	92.6	1704	0	18500	33180	0.0	8.3	31.5	79.4
1655	4	1000	35100	0.0	20.1	51.3	126.4	1705	0	18690	32730	0.0	6.7	24.6	77.3

(3)

SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
1706	11	18200	33060	0.0	8.7	24.6	65.8	1756	4	6270	34300	0.0	10.9	42.8	107.6
1707	0	17880	33150	0.0	21.3	26.0	67.6	1757	4	6800	33780	0.0	6.9	39.4	104.1
1708	11	17630	32950	0.0	9.8	23.9	60.1	1758	4	6830	33570	0.0	7.2	41.0	101.9
1709	11	17230	32900	0.0	4.5	23.6	55.9	1759	4	6470	33450	0.1	6.1	40.5	105.1
1710	11	15060	32250	0.0	14.5	37.7	107.3	1760	2	6460	32710	0.1	8.0	35.2	97.4
1711	11	15550	31760	0.2	9.6	37.7	139.3	1761	2	6290	32600	0.0	7.9	32.4	87.4
1712	11	15400	31720	0.2	4.5	21.3	56.0	1762	2	6430	32500	0.0	6.7	31.9	86.3
1713	11	15280	31630	0.0	5.3	43.2	98.0	1763	2	6320	32400	0.0	8.5	32.0	88.4
1714	11	15900	31150	0.0	3.5	25.9	46.2	1764	4	6130	32180	0.1	10.2	34.6	88.1
1715	11	15500	31200	0.0	4.9	40.8	47.7	1765	11	6170	31940	0.0	5.3	31.3	82.3
1716	11	15980	30720	0.0	5.2	21.3	78.0	1766	11	6300	31550	0.2	4.0	21.8	98.7
1717	11	15740	30650	0.1	3.5	23.2	88.4	1767	7	9850	30930	0.1	1.5	16.2	79.7
1718	0	14870	34210	0.0	17.7	27.2	87.0	1768	7	9510	30700	0.1	4.0	30.9	117.1
1719	0	14980	33640	0.0	18.4	30.1	95.3	1769	7	9230	30780	0.0	3.2	19.6	108.2
1720	0	14880	33510	0.0	16.3	28.9	89.0	1770	7	9100	31000	0.1	2.4	20.2	128.7
1721	0	12850	33270	0.0	6.0	39.6	140.3	1771	7	9080	30840	0.1	6.5	27.8	108.2
1722	0	12740	33230	0.7	5.2	32.3	112.5	1772	5	7320	31140	0.2	4.7	0.1	106.9
1723	0	12330	33660	0.0	3.9	23.2	50.2	1773	7	7230	31030	0.2	5.0	35.3	141.5
1724	0	12250	33460	0.0	20.6	39.2	104.0	1774	11	6950	31170	0.2	6.1	20.4	82.7
1725	0	11660	33850	0.0	21.3	36.7	87.3	1775	11	6850	31070	0.6	7.7	45.6	165.3
1726	0	11640	34050	0.0	21.4	40.9	117.1	1776	11	5940	31160	0.3	9.1	18.9	117.4
1727	0	10330	33150	0.0	1.9	24.1	43.9	1777	4	5700	31200	0.2	8.1	20.2	121.7
1728	7	10580	32980	0.0	2.2	58.3	58.3	1778	2	5200	30950	0.3	7.9	34.6	104.7
1729	0	14000	32730	0.0	22.2	31.3	126.4	1779	11	5250	30800	0.3	7.5	35.5	139.4
1730	0	14050	32640	0.3	17.7	23.2	78.3	1780	11	5250	30350	0.1	4.0	19.6	60.7
1731	0	14010	32260	0.0	19.5	26.2	75.5	1781	7	5130	30040	0.1	8.9	31.8	132.6
1732	0	13830	31730	0.0	13.5	25.7	60.7	1782	5	4940	34800	0.0	13.4	43.9	73.4
1733	7	13750	31140	0.0	2.2	30.1	84.5	1783	5	4990	34650	0.0	6.2	0.0	50.9
1734	11	14050	31050	0.0	2.6	28.3	59.0	1784	5	4870	34400	0.0	9.4	40.4	70.2
1735	7	13850	30900	0.1	14.4	79.2	294.7	1785	5	4540	33730	0.0	13.8	45.8	77.2
1736	7	13950	30220	0.0	17.3	28.4	85.4	1786	5	4350	33850	0.0	5.8	36.0	53.6
1737	7	14290	30170	0.0	3.1	37.7	97.3	1787	5	4420	33690	0.0	11.9	37.4	61.7
1738	7	14160	30080	3.9	9.5	83.2	414.1	1788	5	4260	33580	0.0	12.5	42.5	66.1
1739	7	11950	32430	0.0	2.5	33.1	61.0	1789	5	4140	33270	0.0	6.2	61.2	63.3
1740	7	11960	32100	0.6	5.7	27.7	155.6	1790	5	4250	33040	0.0	5.7	43.6	57.0
1741	7	11730	31850	0.2	4.0	29.5	71.7	1791	5	3800	32800	0.0	10.3	34.2	57.0
1742	7	11830	31730	0.4	9.2	31.1	168.5	1792	5	3860	32680	0.0	10.9	40.4	63.8
1743	7	12860	31400	0.2	9.3	28.4	183.8	1793	5	1810	34740	0.1	22.4	36.4	61.8
1744	7	12270	30850	0.3	9.0	31.4	182.7	1794	5	1600	34750	0.0	15.9	47.8	72.6
1745	7	12460	30460	1.2	7.7	31.7	166.6	1795	5	1780	34620	0.0	16.9	39.0	62.1
1746	7	12540	30350	2.7	13.6	54.3	232.5	1796	4	70	33320	0.0	9.2	32.8	41.0
1747	7	11020	31930	0.1	3.8	23.1	91.0	1797	4	70	33200	0.0	24.1	46.1	75.2
1748	7	10880	32120	0.2	3.2	19.0	88.3	1798	4	410	32800	0.0	6.3	41.4	48.2
1749	7	10850	31900	0.2	2.1	0.0	84.2	1799	4	650	32430	0.0	1.9	30.9	29.0
1750	7	10520	31450	0.2	4.1	29.6	124.7	1800	5	70	32430	0.2	48.1	46.3	107.8
1751	7	10400	31230	0.2	2.0	30.5	87.8	1801	5	880	32060	0.1	14.3	27.3	46.8
1752	7	10500	31140	0.1	3.7	0.0	103.9	1802	5	800	31970	0.0	22.9	48.5	78.3
1753	4	8250	34740	0.1	4.8	4.5	29.2	1803	5	860	31640	0.0	7.1	56.4	50.9
1754	4	8150	34620	0.0	3.4	19.0	27.6	1804	5	1280	31540	0.0	11.8	40.6	68.5
1755	4	6240	34560	0.0	8.9	35.7	88.8	1805	5	1120	31300	0.0	27.5	54.9	95.3

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SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	
1806	5	1440	31260	0.0	43.4	57.3	1856	7	14620	29220	1.4	39.6	163.0	578.4
1807	5	1320	31050	0.0	52.2	64.8	1857	7	14260	28980	0.0	2.1	29.1	57.2
1808	5	1480	31010	0.0	45.5	63.3	1858	7	14150	28930	0.0	4.3	32.6	80.4
1809	0	21870	29760	0.0	31.8	95.6	1859	7	13900	28850	0.1	8.9	47.8	105.6
1810	8	21250	29630	0.0	52.0	83.4	1860	7	13800	28900	0.0	10.9	36.4	119.3
1811	8	21170	29730	0.0	37.9	135.5	1861	7	12750	29720	0.0	10.3	25.1	88.1
1812	0	20480	29950	0.0	12.0	111.8	1862	7	12450	29840	0.0	13.4	23.5	96.9
1813	0	20040	29970	0.0	0.0	80.0	1863	7	12650	29570	0.0	5.1	3.4	94.8
1814	11	20040	29900	0.0	46.4	249.4	1864	7	12160	29550	0.0	7.3	21.7	69.7
1815	7	24600	28660	1.4	59.4	823.0	1865	7	11800	29450	0.0	13.1	21.9	79.6
1816	0	24190	28900	5.0	101.6	560.0	1866	7	11760	29350	0.0	12.7	23.0	113.1
1817	0	23140	28750	0.1	30.7	723.7	1867	7	11840	29270	0.0	5.3	17.3	51.6
1818	0	22620	28440	0.0	16.5	230.9	1868	7	11630	29080	0.0	6.4	22.2	46.9
1819	0	22530	28600	1.5	44.3	941.0	1869	7	11050	29140	0.0	18.3	30.9	124.6
1820	8	21940	28500	0.0	15.8	277.4	1870	7	10970	28860	0.0	9.4	22.6	45.8
1821	0	21470	28120	1.4	46.2	147.0	1871	7	10830	28370	0.0	18.5	29.3	99.9
1822	0	21300	28130	1.3	37.3	131.0	1872	7	10060	28610	0.0	13.6	8.4	90.2
1823	0	20600	27350	0.9	53.6	745.0	1873	7	10450	28400	0.1	45.8	37.6	109.7
1824	0	20650	27200	1.8	84.1	88.0	1874	7	10290	28380	0.0	14.4	24.2	83.5
1825	0	20210	27040	0.0	24.4	50.9	1875	7	10100	28450	0.0	18.5	15.6	57.8
1826	0	20110	26870	0.0	26.1	79.1	1876	11	13710	26930	25.6	179.2	647.2	558.1
1827	0	20220	26850	2.1	86.0	669.0	1877	7	13570	26950	2.4	278.2	475.2	848.0
1828	7	24810	28360	1.7	33.4	38.0	1878	11	13600	26580	2.0	91.8	251.3	571.0
1829	7	24300	28080	3.9	84.9	948.0	1879	7	13190	26570	2.6	120.6	291.0	704.0
1830	7	24090	28070	0.0	14.9	83.1	1880	11	13230	26350	21.8	109.1	476.4	740.1
1831	7	24050	28210	0.0	31.6	293.2	1881	7	12670	25670	10.6	122.2	295.5	216.0
1832	7	23240	27620	0.0	26.8	61.4	1882	7	12550	25730	0.0	2.5	10.6	31.7
1833	7	23020	27390	0.0	28.4	35.3	1883	7	12430	25680	0.0	3.1	11.2	47.3
1834	0	22610	27230	0.0	13.8	36.4	1884	7	12320	25440	0.3	3.1	10.8	37.8
1835	0	22280	27020	0.2	39.1	371.1	1885	11	12950	25150	18.3	52.4	453.8	756.4
1836	0	22430	26930	0.0	5.6	22.2	1886	7	12520	25100	0.7	14.7	43.5	136.5
1837	0	22070	26470	0.0	22.8	97.9	1887	7	11700	25180	0.0	2.3	26.8	86.0
1838	0	22040	25920	0.1	49.8	194.7	1888	7	11240	25370	0.0	4.9	17.2	59.0
1839	0	21770	25900	1.0	33.5	434.0	1889	7	10520	25770	0.0	4.8	17.9	59.5
1840	0	21800	25750	0.0	10.3	19.9	1890	4	10270	25700	0.0	2.7	24.1	84.2
1841	7	22110	25600	0.0	5.7	88.4	1891	4	10290	25470	0.0	2.5	25.7	96.1
1842	7	22130	25500	0.0	51.5	277.8	1892	7	6710	28830	0.0	6.8	7.0	89.6
1843	7	21970	25440	0.0	52.3	208.1	1893	7	6510	28900	0.0	5.2	26.0	116.0
1844	11	17050	28220	17.5	265.1	655.0	1894	7	6430	28680	0.0	4.3	34.7	105.3
1845	11	17120	27850	1.9	26.7	583.6	1895	12	5090	29600	0.0	64.2	25.2	63.8
1846	8	16610	26700	7.7	115.4	677.0	1896	7	5370	29470	0.0	6.1	22.6	80.5
1847	11	17050	26450	7.0	54.1	425.6	1897	7	5230	29380	0.0	4.5	22.7	47.6
1848	11	16650	25850	42.1	472.7	607.0	1898	7	5850	29260	0.0	2.1	36.8	39.8
1849	8	17970	25400	0.0	43.8	25.3	1899	7	5920	29150	0.0	2.8	20.2	36.0
1850	11	17000	25350	0.7	100.3	103.4	1900	7	6100	28800	0.0	3.8	32.0	52.1
1851	7	14240	29830	0.0	3.1	8.7	1901	7	7720	28250	0.0	7.3	23.0	81.5
1852	7	13970	29750	0.0	4.6	18.9	1902	7	7630	28170	0.0	6.3	21.5	81.4
1853	7	14090	29680	0.1	11.0	53.9	1903	7	7510	28530	0.0	2.6	20.1	58.2
1854	7	14750	29400	71.8	861.0	671.0	1904	7	5950	28500	0.0	3.6	28.1	93.1
1855	7	14230	29200	32.3	696.2	754.0	1905	7	6030	28200	0.0	5.5	42.7	112.7

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SAMPLE NO.	ROCK	COORDINATE -X -Y	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X -Y	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
1906	7	6380 28230	0.0	2.2	0.0	79.0	1956	0	17400 23360	0.0	16.3	30.0	108.2
1907	11	5360 28130	0.0	10.6	24.3	75.5	1957	0	17780 22770	0.0	17.9	17.0	64.2
1908	7	5690 27750	0.0	1.1	23.0	111.3	1958	0	16690 21850	3.7	62.5	268.6	761.4
1909	7	5780 27520	0.0	1.4	18.0	71.8	1959	0	16360 22560	10.0	75.4	118.0	498.0
1910	7	5900 27450	0.0	0.9	14.5	65.8	1960	0	15950 22180	0.0	8.4	33.6	88.9
1911	7	6190 27080	0.0	1.8	18.1	72.8	1961	0	15820 22200	0.0	5.0	25.2	58.9
1912	7	6100 26980	0.0	6.0	26.6	138.2	1962	0	15520 22350	0.0	10.8	40.8	82.8
1913	4	7700 25060	0.1	5.8	39.3	97.1	1963	0	15380 22500	0.0	32.7	45.4	199.8
1914	12	4550 29430	0.0	70.3	24.1	63.0	1964	0	15310 23330	0.0	23.7	14.5	64.3
1915	2	4430 29530	0.0	26.2	24.4	67.4	1965	0	15070 23400	0.0	27.2	89.4	667.0
1916	12	4400 29230	0.0	18.4	32.0	97.0	1966	0	19950 21250	0.0	9.2	24.2	44.4
1917	2	4190 29100	0.0	12.7	17.9	42.7	1967	0	19770 21050	0.0	13.5	17.1	39.8
1918	2	3740 29030	0.0	59.8	24.8	75.1	1968	7	19970 20930	0.0	9.0	27.7	59.1
1919	2	3730 29230	0.0	67.2	19.9	58.2	1969	7	19920 20530	0.0	15.4	14.5	50.2
1920	2	3320 29230	0.0	92.3	23.0	83.1	1970	7	19650 20200	0.0	12.6	25.4	60.3
1921	2	3200 29400	0.0	60.0	19.3	58.0	1971	0	19550 20070	0.0	15.3	28.1	47.9
1922	2	800 27950	0.0	4.6	29.3	55.8	1972	0	17730 20650	0.0	10.2	26.9	109.7
1923	2	690 27880	0.0	6.4	19.3	40.2	1973	0	17560 20540	0.0	20.7	25.0	71.5
1924	2	460 27370	0.0	20.6	28.8	52.1	1974	0	17820 20450	0.0	11.0	26.5	201.0
1925	2	340 27400	0.0	66.2	21.3	48.9	1975	0	18070 20170	0.0	7.9	16.9	45.1
1926	2	400 27250	0.0	46.6	26.6	49.0	1976	0	17920 20060	0.0	15.8	22.2	65.2
1927	2	300 26920	0.0	65.4	13.8	56.3	1977	0	14730 23460	25.3	124.4	490.9	677.0
1928	11	4560 27830	0.1	9.3	17.5	53.0	1978	11	14500 23440	1.6	58.5	228.3	543.4
1929	11	3330 27130	0.0	10.5	30.6	65.9	1979	11	13760 23470	0.0	25.9	34.7	129.6
1930	11	3300 27000	0.1	7.8	38.7	79.4	1980	11	13650 23650	0.0	13.1	32.4	130.0
1931	4	2520 27020	0.1	23.2	145.4	67.1	1981	11	13410 24200	1.5	18.4	96.4	167.8
1932	12	2400 27310	0.0	128.2	9.9	75.6	1982	11	13120 24150	0.0	10.7	35.2	83.5
1933	12	2220 27540	0.0	50.2	25.9	68.4	1983	7	12000 24350	0.0	10.8	24.5	107.3
1934	12	1110 26700	0.0	14.2	24.8	73.4	1984	4	11730 24150	0.0	8.4	17.1	74.4
1935	4	1150 26560	0.0	14.2	25.4	59.1	1985	4	11570 24000	0.0	20.2	85.6	150.2
1936	12	1310 26450	0.0	68.3	22.9	76.4	1986	4	11500 24000	0.0	10.9	34.2	81.4
1937	11	70 26230	0.0	29.1	26.1	115.8	1987	4	11200 24100	0.0	10.0	34.6	80.5
1938	11	320 26070	0.0	14.1	24.3	56.9	1988	4	11200 23900	0.0	11.2	54.5	104.3
1939	11	390 26810	0.0	14.2	35.7	78.2	1989	4	10700 23970	0.0	15.9	37.4	75.0
1940	11	290 26720	0.0	29.4	30.5	165.0	1990	4	10650 24150	0.0	11.3	22.5	104.0
1941	7	23850 21550	0.0	3.7	20.1	34.0	1991	4	10490 24080	0.0	11.1	32.4	88.0
1942	7	23730 21570	0.0	2.3	13.7	24.7	1992	4	10480 23980	0.0	10.9	31.2	90.9
1943	7	23960 21140	0.0	4.4	21.3	38.9	1993	4	7800 24800	0.0	7.7	36.4	51.5
1944	7	23750 20950	0.0	1.7	20.7	37.8	1994	4	7630 24850	0.1	6.1	34.1	89.0
1945	7	24350 20250	0.0	2.7	12.5	19.8	1995	4	7050 24250	0.1	4.6	26.9	65.6
1946	7	23950 20500	0.0	2.0	19.3	20.4	1996	7	6850 23880	0.0	5.9	29.9	74.1
1947	7	23750 20800	0.0	2.4	14.5	26.5	1997	11	6760 23780	0.0	7.4	33.0	77.0
1948	0	20250 21640	0.0	23.3	33.7	95.4	1998	7	6960 23350	0.0	6.4	23.3	59.1
1949	0	20130 21600	0.0	22.8	27.1	56.6	1999	7	6550 23020	0.0	12.9	50.1	87.5
1950	0	18700 23470	0.0	23.0	25.5	73.8	2000	7	6850 22650	0.0	8.2	27.9	75.2
1951	0	18780 23370	0.0	18.3	24.0	68.5	2001	7	6620 22400	0.0	7.6	16.8	30.8
1952	0	18650 23050	0.0	24.7	24.1	80.6	2002	7	6400 22420	0.0	11.5	20.9	71.3
1953	8	17530 24610	4.0	70.2	301.8	894.0	2003	7	5250 22630	3.4	329.9	696.6	213.0
1954	0	17720 23650	0.0	18.4	22.4	104.3	2004	7	5150 22700	0.0	7.0	28.4	73.9
1955	0	17550 23350	0.2	17.2	39.5	269.2	2005	11	5080 23130	86.2	516.8	210.0	865.0

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SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2006	7	5370	21160	0.0	7.3	22.5	32.8	2056	7	24750	16840	0.0	2.7	19.8	32.4
2007	11	4940	24060	0.2	8.3	22.7	57.4	2057	7	24830	16730	0.0	2.2	16.4	21.2
2008	11	4850	24120	0.2	8.4	24.1	66.1	2058	7	24620	16790	0.0	2.6	26.9	40.3
2009	11	2800	24950	0.0	12.2	47.3	191.6	2059	7	24230	17050	0.0	2.1	9.6	20.1
2010	7	2850	24850	0.1	8.0	89.3	293.8	2060	7	24080	17000	0.0	2.1	15.1	30.5
2011	11	4560	23500	30.0	169.1	859.3	924.0	2061	7	24920	16120	0.0	2.4	20.6	31.8
2012	7	4330	23390	0.2	12.1	76.2	166.9	2062	7	24970	15130	0.0	2.1	15.9	24.2
2013	11	4220	23640	0.5	48.0	401.1	534.6	2063	7	24850	15030	0.0	3.3	25.3	30.9
2014	11	4100	23630	5.8	5.0	13.0	127.0	2064	7	23570	16570	0.0	3.4	22.0	29.1
2015	11	3390	24000	0.5	34.3	169.4	795.1	2065	7	23260	17100	0.0	4.5	27.4	23.1
2016	11	2810	23900	0.0	23.2	34.5	87.4	2066	7	23350	17380	0.0	3.4	22.7	20.6
2017	12	2760	24000	0.9	29.9	113.8	637.0	2067	7	23120	17550	0.0	2.6	23.6	25.4
2018	7	2230	24380	0.0	9.8	30.6	86.9	2068	7	22880	17470	0.0	3.2	26.5	35.3
2019	11	2050	24420	0.0	21.2	32.5	67.7	2069	7	23000	17610	0.0	4.2	32.1	50.6
2020	2	1900	24150	0.0	30.7	36.8	79.1	2070	0	21040	16030	0.2	17.8	23.7	68.9
2021	12	2200	23730	0.0	20.7	35.2	88.6	2071	0	21120	15900	0.0	16.6	21.8	59.3
2022	12	1950	23330	0.0	21.6	44.8	96.8	2072	0	20960	15950	0.0	21.4	25.0	69.8
2023	7	1980	22300	0.0	15.1	28.7	70.7	2073	0	19700	19970	0.0	16.2	24.0	59.4
2024	11	840	24100	0.0	43.9	18.0	50.5	2074	7	19720	19630	0.0	17.5	21.9	56.1
2025	2	650	23850	0.0	23.4	13.3	52.4	2075	7	19720	19420	0.0	13.0	18.4	45.8
2026	12	700	23560	0.0	35.2	22.6	90.2	2076	7	19530	19040	0.0	13.1	15.6	40.3
2027	12	580	23470	0.0	26.6	20.0	76.2	2077	8	18460	18300	0.0	21.8	63.8	212.4
2028	12	720	23170	0.0	25.2	28.3	76.0	2078	0	18120	18760	0.0	11.4	17.4	40.3
2029	7	1800	22400	0.0	18.2	22.9	52.9	2079	0	17780	19350	0.0	9.3	20.8	40.1
2030	7	1590	22350	0.0	41.5	21.8	57.5	2080	0	17650	19450	0.0	13.8	30.6	72.3
2031	7	1880	22110	0.0	19.1	27.4	107.5	2081	0	18250	18180	0.1	19.9	27.0	117.8
2032	7	1970	21920	0.0	23.7	20.6	53.4	2082	0	18790	17980	0.0	4.3	15.8	37.6
2033	7	1330	21750	0.0	19.6	41.7	43.9	2083	0	18670	17300	0.0	16.1	26.6	85.0
2034	7	1180	21700	0.0	65.2	39.2	54.6	2084	0	18300	16810	0.5	16.6	38.7	225.8
2035	7	720	21750	0.0	47.0	15.2	38.8	2085	0	17260	17650	0.0	17.8	3.6	79.2
2036	7	630	21630	0.0	25.7	22.2	31.9	2086	0	17020	17520	0.0	12.8	18.2	37.9
2037	7	2910	21660	0.6	48.7	138.6	631.7	2087	0	16700	17270	0.0	15.6	21.9	53.7
2038	7	2810	21730	0.0	12.0	30.0	49.9	2088	0	15170	17650	0.0	17.4	28.3	68.9
2039	7	2900	21550	0.0	15.0	17.8	32.6	2089	0	16090	17150	0.0	11.0	27.0	59.3
2040	7	1820	21200	0.0	65.0	23.7	55.4	2090	0	15600	17460	0.0	13.4	22.4	53.2
2041	7	2070	21200	0.0	15.3	37.5	51.5	2091	7	15070	16760	0.1	23.1	36.6	94.8
2042	7	2380	20960	0.0	21.8	54.7	497.4	2092	0	18460	16010	0.7	18.5	71.4	476.6
2043	7	2370	20680	0.0	11.0	30.6	61.2	2093	0	18270	15670	0.0	19.6	50.8	205.9
2044	7	2180	20450	0.0	10.2	27.5	41.7	2094	7	15360	19100	0.0	8.3	33.1	83.6
2045	7	4680	20670	0.0	11.8	17.0	28.5	2095	7	13190	19050	0.0	7.2	29.3	80.8
2046	7	23850	19500	0.0	2.2	17.0	24.3	2096	7	12930	19150	0.0	6.9	20.6	67.6
2047	7	23630	19180	0.0	2.0	21.4	30.7	2097	7	12920	19040	0.0	7.7	28.5	67.6
2048	7	23450	19320	0.0	3.2	19.0	27.9	2098	7	12180	18900	0.0	7.1	33.8	76.0
2049	7	23360	19200	0.0	3.2	22.4	36.9	2099	8	11130	19970	0.2	2.0	32.4	70.7
2050	7	23180	18840	0.0	6.4	21.5	27.0	2100	8	11050	19950	0.0	0.9	23.5	35.4
2051	7	21790	19460	0.0	3.7	14.6	30.7	2101	8	10950	19600	0.1	1.6	26.8	53.3
2052	7	21660	19520	0.0	5.4	14.8	35.0	2102	8	10720	19320	0.2	2.5	30.5	87.8
2053	7	21900	18780	0.0	2.8	15.8	33.6	2103	8	11380	19340	0.1	3.9	28.0	57.1
2054	7	21820	18650	0.0	4.6	13.7	32.9	2104	7	11280	19250	0.1	2.2	28.7	58.1
2055	7	22500	18230	0.0	6.0	9.1	18.8	2105	7	13200	18200	0.0	5.8	22.6	59.7

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SAMPLE NO.	ROCK	COORDINATE -X -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X -Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2106	7	13250 18030	0.0	3.9	23.5	40.1	2156	7	2210 18900	1.0	10.1	64.1	138.3
2107	7	13610 17810	0.0	6.8	8.3	70.4	2157	7	2280 18650	0.2	7.7	16.7	38.3
2108	7	13360 17770	0.0	2.4	22.5	34.0	2158	11	2000 18270	0.3	12.5	69.8	178.4
2109	7	13480 17670	0.0	1.5	15.1	18.4	2159	11	2730 18080	0.6	6.5	14.3	57.2
2110	7	14120 17270	0.0	8.1	28.0	74.5	2160	11	2320 17940	0.0	54.8	37.3	98.5
2111	7	14050 17150	0.0	6.8	35.6	83.6	2161	11	1420 17730	0.0	35.4	30.0	75.8
2112	7	14620 17100	0.0	6.6	19.6	50.9	2162	11	1240 17450	0.0	37.7	28.1	88.8
2113	7	14250 16920	0.0	6.5	23.7	57.5	2163	12	920 17500	0.1	49.4	38.0	99.3
2114	7	14920 16750	0.0	24.2	40.9	95.9	2164	11	2930 17200	0.0	2.7	9.5	27.1
2115	8	12900 15410	0.0	51.5	34.1	50.4	2165	11	2850 16950	0.0	11.5	24.2	53.6
2116	12	12620 15400	0.0	29.7	39.8	84.2	2166	11	3060 16800	0.0	2.5	18.4	29.6
2117	7	12370 15330	0.0	30.5	0.4	72.2	2167	4	3000 16550	0.0	40.0	41.4	101.0
2118	7	11890 16050	0.0	50.0	64.9	109.1	2168	4	3780 16920	0.0	9.1	23.1	49.8
2119	12	11790 15960	0.1	41.5	46.3	91.0	2169	4	4110 16630	0.0	3.1	20.6	42.8
2120	8	7890 19800	0.1	2.6	38.8	82.8	2170	4	4450 16060	0.0	41.3	28.0	90.6
2121	8	8160 19500	0.1	1.9	30.1	66.4	2171	4	4540 15830	0.0	6.8	40.1	77.3
2122	8	7820 19520	0.2	2.0	32.2	47.8	2172	4	4210 15150	0.0	36.0	22.6	89.5
2123	8	8190 19050	0.3	2.6	61.8	166.4	2173	7	22680 14440	0.0	8.8	32.4	62.1
2124	8	7900 19000	0.0	2.0	36.2	81.1	2174	0	22460 14480	0.0	14.5	41.5	80.5
2125	8	8310 17960	0.2	2.3	32.7	69.9	2175	0	22400 14350	0.0	11.5	22.6	53.8
2126	8	8250 17830	0.0	2.3	20.3	40.4	2176	7	22530 13800	0.0	15.7	17.2	56.5
2127	8	8600 17670	0.1	5.1	63.7	119.5	2177	7	22550 13640	0.0	8.6	27.0	59.4
2128	7	8670 17150	0.0	5.4	22.1	62.8	2178	0	22400 13500	0.0	26.1	44.4	97.3
2129	7	9540 16860	0.0	6.0	40.0	88.1	2179	0	23060 13250	0.0	5.3	25.6	46.4
2130	7	9540 16750	0.0	4.3	18.8	74.5	2180	7	20260 14820	0.0	17.3	25.5	73.4
2131	7	8760 16720	0.0	6.4	18.5	64.1	2181	0	20350 14640	0.0	25.1	24.5	103.8
2132	7	8590 16560	0.0	6.8	26.7	59.1	2182	0	20210 14380	0.0	19.9	23.3	74.6
2133	7	8730 16480	0.0	3.8	20.1	54.1	2183	7	24620 12800	0.0	4.5	19.9	29.5
2134	11	7850 16350	0.0	5.2	37.9	58.2	2184	7	24660 12580	0.0	4.3	0.0	38.7
2135	11	6790 15330	0.0	17.3	43.9	344.0	2185	7	24340 12300	0.0	4.7	20.4	24.6
2136	11	6850 16290	0.0	7.2	24.0	63.6	2186	7	23900 12500	0.0	4.7	18.0	40.6
2137	11	6600 16720	0.0	5.6	21.7	46.3	2187	7	24020 12000	0.0	3.3	13.5	30.0
2138	11	6320 16700	2.8	6.5	23.7	33.4	2188	7	22870 12330	0.0	6.1	22.7	44.4
2139	11	6000 16830	0.0	2.3	14.6	36.4	2189	7	22950 11950	0.0	4.8	18.5	45.6
2140	7	6030 17020	0.0	5.4	45.5	71.7	2190	7	22130 11750	0.0	11.9	46.0	69.8
2141	7	6040 17750	0.0	5.5	28.5	52.7	2191	7	21950 11440	0.0	24.3	32.5	77.1
2142	11	5780 17650	0.0	4.1	34.8	57.5	2192	7	21450 11390	0.0	2.7	21.0	31.2
2143	7	5620 16270	0.0	4.5	24.9	45.9	2193	0	20390 10880	0.0	21.7	33.5	69.4
2144	11	5280 18200	0.0	7.6	19.4	55.5	2194	0	20340 10650	0.0	6.0	21.1	39.2
2145	7	5230 18600	0.0	7.7	42.3	54.6	2195	0	20450 10200	0.0	7.3	19.8	32.4
2146	11	4930 18730	0.0	8.3	38.3	56.0	2196	0	19900 14930	0.0	4.2	17.1	35.8
2147	7	4950 19100	0.0	4.2	25.1	38.1	2197	0	19400 14690	0.0	16.9	25.3	69.2
2148	7	4760 19350	0.0	4.5	30.9	155.1	2198	0	19200 14350	0.0	6.2	33.0	79.2
2149	7	4480 19330	0.0	8.8	30.9	58.1	2199	0	19080 14770	0.0	23.6	18.5	74.8
2150	7	4350 19800	0.0	7.8	29.0	41.4	2200	0	18640 13870	0.1	19.8	21.5	77.3
2151	7	4320 19330	0.0	15.1	46.9	60.0	2201	0	18710 13570	0.0	27.4	28.7	116.4
2152	7	2660 19940	0.0	13.7	0.0	23.8	2202	0	18560 12300	53.8	419.2	747.8	523.0
2153	7	2480 19980	0.0	29.4	42.0	75.2	2203	0	18120 12960	0.0	9.9	13.7	41.5
2154	7	2330 19950	0.0	32.6	29.0	79.0	2204	0	17800 12750	0.0	12.7	20.1	63.0
2155	7	2750 19130	0.0	3.2	13.9	38.1	2205	0	17200 12560	0.0	37.3	36.7	114.3

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SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2206	0	17200	13240	0.0	18.9	53.1	2256	12	9060	12920	22.4	159.5	77.0
2207	0	16600	13130	0.0	33.5	166.9	2257	12	8560	12950	0.0	7.1	24.4
2208	0	16420	13540	0.0	16.3	71.0	2258	12	8120	12900	0.0	21.2	47.8
2209	0	16470	14000	0.0	19.4	46.1	2259	12	7950	12960	0.2	28.5	359.8
2210	0	16260	14170	0.2	22.9	264.3	2260	12	7730	13950	0.0	17.0	468.4
2211	0	16140	14050	0.3	16.7	150.0	2261	7	7630	14120	0.0	22.1	32.8
2212	0	15830	13400	0.0	22.7	63.1	2262	4	7130	14660	0.3	34.6	47.7
2213	0	15360	13300	9.2	21.0	135.9	2263	7	7360	14850	1.1	3.0	19.3
2214	0	15540	13100	0.0	16.7	89.1	2264	12	7340	12650	0.5	28.5	22.3
2215	11	15390	13050	0.1	9.5	139.7	2265	12	6820	12960	0.1	56.3	134.4
2216	0	16920	11250	0.0	20.7	37.3	2266	12	6950	13280	0.1	19.8	84.3
2217	0	16980	10660	0.0	35.3	59.4	2267	4	6300	13200	0.0	63.7	94.5
2218	0	17800	10600	0.0	33.7	67.0	2268	12	6260	13550	0.2	17.7	28.7
2219	0	17940	10450	0.1	18.5	41.7	2269	12	5850	13600	0.1	52.4	105.5
2220	0	16620	10300	3.2	43.8	825.5	2270	4	5700	13960	0.0	38.4	44.9
2221	0	15540	10800	2.1	39.6	557.0	2271	12	5400	13930	0.0	4.4	29.2
2222	11	15230	10950	0.0	11.1	88.7	2272	12	5060	13780	0.0	48.0	38.5
2223	11	15120	10820	4.3	49.9	979.2	2273	4	6830	10090	0.0	100.4	67.5
2224	11	15200	10700	0.0	16.2	94.6	2274	4	6620	10120	0.0	110.9	112.6
2225	7	13720	14170	1.5	37.2	147.3	2275	4	6090	10260	0.0	29.3	53.9
2226	7	13930	14250	0.0	1.2	19.8	2276	4	4550	14930	0.1	55.3	42.2
2227	7	13600	14120	0.1	2.0	37.9	2277	4	4800	14650	0.1	50.3	87.1
2228	11	13750	14050	0.1	9.5	34.2	2278	4	4580	14670	0.1	19.4	18.2
2229	7	13480	14740	0.0	6.6	30.1	2279	4	4630	14220	0.0	50.8	67.5
2230	7	13080	14850	0.0	3.0	19.4	2280	4	4490	14200	0.0	40.6	111.2
2231	7	11100	13460	0.0	9.1	66.9	2281	4	3970	13960	0.0	76.7	113.5
2232	7	11220	13320	0.0	18.1	32.6	2282	12	3800	13800	0.0	72.4	119.0
2233	12	10700	12830	0.0	8.6	29.1	2283	4	3760	13830	0.0	83.9	132.7
2234	7	10660	12950	0.0	3.5	30.1	2284	12	3500	13650	0.2	87.4	118.6
2235	7	10380	13020	0.0	1.1	16.8	2285	4	3100	13900	0.0	80.2	105.3
2236	7	10110	12970	0.0	1.0	13.4	2286	4	2700	13400	0.2	81.3	102.2
2237	7	10050	12720	0.0	1.6	16.1	2287	2	2590	13560	0.0	33.6	100.9
2238	11	12890	11290	13.0	99.2	35.8	2288	2	2600	13750	0.0	83.0	49.2
2239	11	12770	11360	12.2	66.4	152.0	2289	2	1900	14360	0.0	83.4	37.0
2240	11	12540	10830	6.9	114.2	626.9	2290	4	2040	14460	0.0	80.8	96.7
2241	11	12380	10800	0.0	8.7	819.6	2291	2	40	13850	0.0	88.2	66.6
2242	11	12600	10580	0.5	42.2	63.1	2292	2	150	13230	0.0	66.8	71.6
2243	11	12500	10460	0.2	68.0	131.3	2293	2	250	13140	0.0	39.1	88.3
2244	11	12410	10340	1.9	80.1	241.7	2294	2	270	12400	0.0	76.2	85.2
2245	11	12200	10460	4.8	63.9	660.0	2295	2	80	11950	0.0	82.2	106.6
2246	11	12160	10210	3.1	29.7	760.4	2296	4	4960	10500	0.0	38.1	69.2
2247	11	11950	10450	1.1	18.8	960.2	2297	4	4880	10400	0.0	162.1	40.0
2248	11	11500	10030	0.0	47.8	324.7	2298	6	2020	10700	0.0	102.1	67.8
2249	11	11230	10230	0.0	5.5	90.1	2299	4	1880	10820	1.6	31.2	45.1
2250	11	10460	10660	0.0	8.0	43.9	2300	4	1830	10800	1.3	33.6	309.8
2251	11	10580	10840	0.0	13.0	56.1	2301	2	1840	10500	0.0	50.4	71.1
2252	11	10480	10910	0.5	20.3	108.3	2302	4	1250	10350	0.0	70.6	31.3
2253	12	10090	11530	0.0	14.9	154.2	2303	7	2080	9800	0.4	48.1	175.0
2254	12	9850	12400	0.0	0.7	86.9	2304	7	2010	8820	0.0	4.0	23.9
2255	11	9900	11300	0.0	24.9	11.7	2305	7	23830	8330	0.0	3.1	12.3
						135.6						2.4	10.5

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SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2306	7	23900	8120	5.8	11.4	29.6	2356	8	10920	8500	0.0	59.8	20.8
2307	7	23060	7900	4.8	11.0	25.4	2357	8	10400	8400	0.0	75.5	42.9
2308	7	23500	7550	3.9	14.0	29.7	2358	8	10500	8000	0.0	83.3	27.7
2309	7	23360	7420	15.2	11.5	28.1	2359	8	10390	7920	0.0	70.6	61.7
2310	7	22560	7500	3.7	21.8	39.6	2360	8	10180	7860	0.0	69.2	27.4
2311	7	22020	7550	7.5	9.6	21.0	2361	8	10150	7900	0.0	88.7	23.7
2312	7	21610	8290	1.8	14.8	26.0	2362	5	14920	5260	0.0	9.2	16.4
2313	7	21420	8450	2.9	16.0	26.5	2363	5	14230	5120	0.0	8.4	16.5
2314	7	21820	7180	3.9	13.4	27.9	2364	4	13020	5320	23.8	244.6	535.3
2315	7	21000	7500	2.0	10.1	21.2	2365	8	12840	5420	0.1	56.4	30.3
2316	7	21230	6870	1.7	8.4	17.8	2366	4	12540	5340	0.0	44.6	23.1
2317	7	21410	6560	2.6	9.7	22.8	2367	4	12350	5100	0.0	49.8	21.9
2318	7	20300	6250	4.6	20.0	31.9	2368	11	9640	9710	0.0	39.3	37.2
2319	7	20230	6080	2.9	15.9	26.7	2369	11	9130	9750	0.0	57.2	61.2
2320	7	23210	5860	3.3	11.8	26.7	2370	11	9020	9560	0.0	81.5	32.9
2321	7	23130	5700	3.7	3.6	32.9	2371	4	8500	9320	0.2	106.9	30.6
2322	7	22800	5700	4.2	23.6	37.3	2372	11	9940	9370	0.0	53.0	53.7
2323	7	22420	5760	4.7	17.1	31.6	2373	11	9880	9200	0.1	89.5	29.1
2324	7	22350	5620	3.6	6.3	36.1	2374	8	9950	8850	0.0	59.4	30.1
2325	7	22500	5040	3.4	13.1	29.0	2375	4	6980	9400	0.0	96.8	48.0
2326	0	16850	9900	27.6	33.8	83.1	2376	4	6860	9420	0.0	96.1	51.7
2327	0	16630	9970	21.7	34.9	69.3	2377	4	7430	8910	0.0	106.2	39.2
2328	0	16370	9720	15.2	36.5	84.2	2378	2	7110	8750	0.1	121.1	47.7
2329	0	15960	8900	9.5	30.5	66.3	2379	2	7200	8680	0.0	109.6	38.9
2330	11	15860	8600	27.0	74.1	291.5	2380	2	6850	8460	0.0	96.8	41.8
2331	0	19550	8600	1.5	15.4	52.1	2381	2	6970	8050	0.0	68.9	24.6
2332	0	18900	7480	4.0	16.2	24.8	2382	2	6040	8420	0.0	84.2	46.3
2333	7	17760	7150	2.6	12.0	32.5	2383	2	5950	8250	0.0	99.9	68.2
2334	7	17650	7330	4.3	19.5	29.6	2384	2	5830	8350	0.0	53.7	52.4
2335	7	17280	7590	3.6	13.5	14.2	2385	2	5790	8820	0.0	92.6	51.0
2336	7	16920	7750	3.7	12.6	12.9	2386	4	5600	9540	0.0	75.2	40.6
2337	11	15600	8060	12.0	69.8	135.4	2387	4	5050	9720	0.0	73.8	40.2
2338	12	15060	7180	7.6	11.1	21.2	2388	4	5150	9850	0.0	69.0	36.5
2339	7	16160	6880	5.2	11.8	23.2	2389	8	9700	7620	0.0	83.9	20.3
2340	7	16120	6760	8.0	4.3	20.4	2390	8	9550	7280	0.0	64.7	32.2
2341	7	19000	6830	1.7	9.6	14.6	2391	8	8850	6890	0.0	71.8	22.7
2342	7	19650	6070	2.7	17.4	20.5	2392	8	8200	6300	0.0	91.2	34.5
2343	7	19500	6000	3.1	24.0	27.6	2393	2	8000	5900	0.0	56.4	46.5
2344	7	19900	5760	1.9	18.7	34.2	2394	4	7700	5360	0.0	36.7	0.0
2345	7	19990	5150	2.3	22.1	31.7	2395	8	7470	7020	0.0	66.3	20.4
2346	7	19850	5150	2.3	17.1	23.2	2396	2	7260	7030	0.0	81.1	20.1
2347	11	14900	7750	23.0	31.5	81.9	2397	2	7320	7250	0.0	71.9	34.1
2348	11	14800	7650	23.4	43.5	102.7	2398	2	430	9960	0.0	35.1	32.3
2349	11	14700	7210	52.1	12.0	115.3	2399	3	250	9950	0.0	35.4	27.6
2350	11	10060	9750	39.8	40.3	361.0	2400	3	500	9270	0.2	69.9	32.9
2351	11	10570	9600	58.1	435.1	144.0	2401	2	530	8960	0.0	54.9	47.0
2352	8	11850	8720	78.5	27.8	102.4	2402	3	310	8650	0.0	36.7	40.1
2353	8	11800	8620	87.0	21.5	77.3	2403	3	150	7750	0.0	28.3	27.5
2354	8	10970	8820	56.7	27.4	93.2	2404	4	4670	8030	0.1	40.9	30.9
2355	8	11030	8650	68.6	30.0	77.4	2405	4	4260	8030	0.0	61.7	26.1

(10)

SAMPLE NO.	ROCK	COORDINATE -X	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	AS (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2406	4	4150	7940	0.0	57.6	30.0	2456	5	15100	2700	0.0	12.3	30.7
2407	2	4400	7760	0.0	53.0	23.0	2457	7	14820	3190	0.0	7.4	17.8
2408	2	4700	7000	0.0	53.7	35.0	2458	7	14780	3380	0.0	11.1	22.5
2409	2	4610	5940	0.0	52.5	27.8	2459	5	14560	3250	0.0	4.9	8.8
2410	2	4450	5870	0.0	46.6	29.4	2460	7	14830	3620	0.0	4.7	27.9
2411	2	4900	5200	0.0	87.2	56.4	2461	5	14640	3730	0.0	6.3	32.1
2412	4	2600	8600	0.1	20.8	52.6	2462	7	14170	3580	0.0	4.2	17.6
2413	4	2480	8480	0.0	44.5	25.1	2463	7	13980	3600	0.0	5.2	14.9
2414	4	2300	8720	0.0	43.6	46.7	2464	7	13960	3490	0.0	22.2	34.9
2415	4	1630	8500	0.0	40.2	57.6	2465	5	13870	3710	0.0	9.1	28.9
2416	4	1570	8610	0.0	56.5	60.3	2466	5	13630	3450	0.0	11.1	11.8
2417	2	1230	7950	0.0	46.6	39.2	2467	5	13420	3540	0.2	0.0	8.6
2418	2	820	7600	0.1	50.6	28.5	2468	5	12320	4630	0.0	6.4	27.8
2419	2	620	7560	0.0	52.8	46.3	2469	4	11470	4020	0.0	7.3	26.8
2420	2	800	6800	0.1	15.8	43.8	2470	7	11000	3900	0.0	11.0	15.5
2421	4	270	6660	0.0	36.7	27.4	2471	7	10800	3740	0.0	4.3	31.4
2422	4	1030	6000	0.0	42.1	28.7	2472	7	12900	50	0.0	7.1	30.6
2423	2	1450	5950	0.0	13.2	33.2	2473	7	12460	160	0.0	7.1	23.7
2424	4	1340	5560	0.0	36.6	25.6	2474	7	11900	1050	0.0	8.3	22.9
2425	2	2310	5500	0.0	53.9	32.5	2475	7	11800	1110	0.0	5.1	21.0
2426	7	22950	3960	0.0	2.2	13.7	2476	7	11620	600	0.0	6.8	16.0
2427	7	23100	3350	0.0	2.4	8.6	2477	7	11650	400	0.0	3.5	8.9
2428	7	23110	2750	0.0	1.8	10.8	2478	7	11280	2020	0.0	3.3	32.5
2429	7	22980	2600	0.0	1.2	8.6	2479	7	11060	2000	0.0	6.7	34.5
2430	7	23270	2150	0.0	1.4	8.3	2480	7	10650	1160	0.0	3.5	32.6
2431	7	24330	1740	0.0	2.3	0.0	2481	7	10080	170	0.0	3.7	16.3
2432	7	24180	1690	0.0	2.4	14.0	2482	7	9150	3670	0.0	3.3	33.5
2433	7	24400	1430	0.0	1.6	9.4	2483	7	8960	3800	0.0	0.9	11.0
2434	7	24070	1050	0.0	1.8	17.8	2484	7	7580	4280	0.0	4.7	24.8
2435	7	24580	380	0.0	2.1	12.7	2485	7	8940	1650	0.0	1.8	16.2
2436	7	24150	200	0.0	10.4	44.8	2486	7	8450	2050	0.0	2.7	25.5
2437	7	23230	420	0.0	3.0	28.9	2487	7	8130	2400	0.0	34.5	42.6
2438	7	23140	320	0.0	2.9	14.9	2488	7	7600	2320	0.0	16.5	212.1
2439	7	23000	240	0.0	9.9	36.8	2489	7	7120	3100	0.0	2.4	35.8
2440	7	22320	1050	0.0	9.8	14.0	2490	4	5950	3220	0.0	56.6	61.3
2441	7	22360	1180	0.0	6.1	15.4	2491	4	5720	3600	0.0	65.7	48.6
2442	5	18800	90	0.0	4.8	12.4	2492	2	5200	4760	0.1	107.2	73.0
2443	5	18490	130	0.0	5.3	0.0	2493	7	7500	50	0.0	2.9	21.6
2444	7	18240	120	0.0	12.4	15.8	2494	7	7350	220	0.0	5.0	28.2
2445	7	17320	330	0.0	3.2	33.3	2495	7	7230	350	0.0	5.8	29.6
2446	5	16900	400	0.0	3.6	25.8	2496	2	5650	1400	0.0	39.1	87.7
2447	7	16850	660	0.0	2.7	49.5	2497	2	4250	4250	0.0	71.2	66.5
2448	7	16870	800	0.0	1.7	13.3	2498	2	4800	4600	0.0	56.5	78.6
2449	5	16300	1050	0.0	10.9	43.8	2499	2	4400	4730	0.0	65.7	113.2
2450	7	16180	1460	0.0	1.9	20.9	2500	2	3960	4830	0.0	32.8	79.5
2451	7	16070	1630	0.0	2.0	44.8	2501	2	3930	4620	0.0	81.2	95.5
2452	5	15830	1830	0.0	9.2	40.9	2502	2	3170	4950	0.0	41.6	75.8
2453	5	15560	1990	0.0	3.3	9.0	2503	2	2860	4720	0.0	71.6	100.8
2454	7	15800	2030	0.0	3.8	21.0	2504	5	2260	4450	0.0	43.0	66.1
2455	7	15530	2400	0.0	4.6	5.9	2505	2	1750	4580	0.0	62.7	109.5

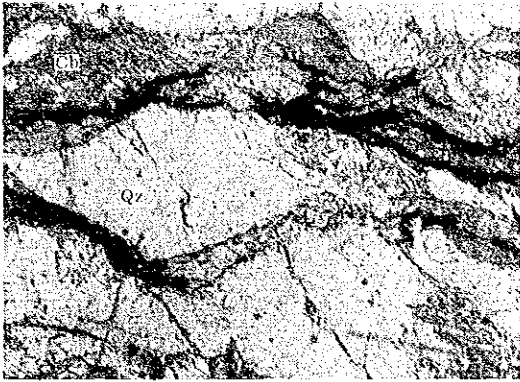
(11)

SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)	SAMPLE NO.	ROCK	COORDINATE -X	COORDINATE Y	AG (PPM)	CU (PPM)	PB (PPM)	ZN (PPM)
2506	2	1300	4360	0.0	74.5	35.8	83.7								
2507	5	840	4310	0.0	65.8	32.4	82.9								
2508	5	630	4350	0.0	58.0	40.2	87.2								
2509	5	800	3220	0.1	77.4	0.0	81.3								
2510	5	630	3160	0.2	71.8	28.2	71.4								
2511	2	4710	1180	0.0	35.9	37.1	101.6								
2512	2	4550	820	0.0	43.6	40.2	108.6								
2513	2	4400	950	0.0	33.9	44.5	115.8								
2514	2	4020	800	0.0	42.4	38.9	115.2								
2515	2	3990	1240	0.0	45.7	43.5	117.7								
2516	5	3000	1540	0.0	27.7	34.3	91.3								
2517	5	2970	1400	0.0	28.3	32.5	58.0								

付録 3 岩石薄片の顕微鏡写真

Abbreviation

Qz	:	Quartz
Pl	:	Plagioclase
Kf	:	K-feldspar
Bi	:	Biotite
Hb	:	Hornblende
Ag	:	Augite
Ch	:	Chlorite
Se	:	Sericite
Fe	:	Iron mineral
Gl	:	Glass



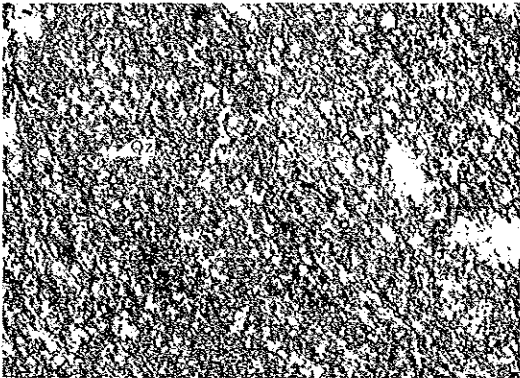
Open nicol



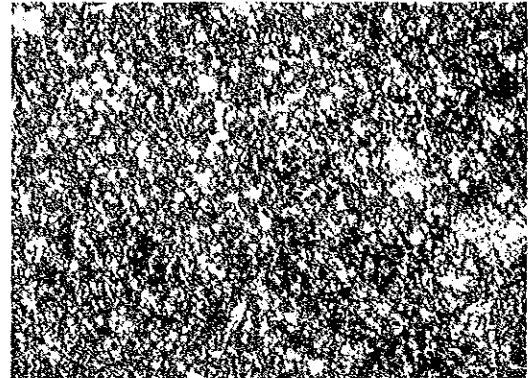
Crossed nicols

Sample No. : KM-42
 Location : Arroyo el Encino
 Rock Name : Pelitic schist

1 mm



Open nicol



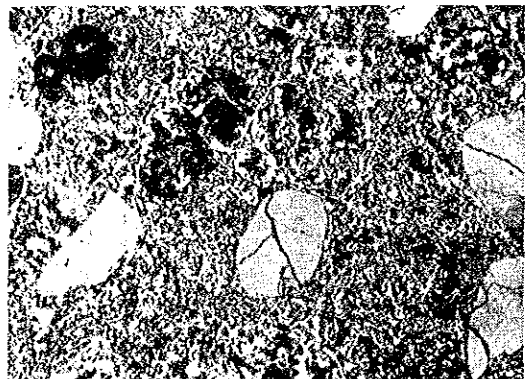
Crossed nicols

Sample No. : KM-60
 Location : El Bramador (N)
 Rock Name : Shale

1 mm



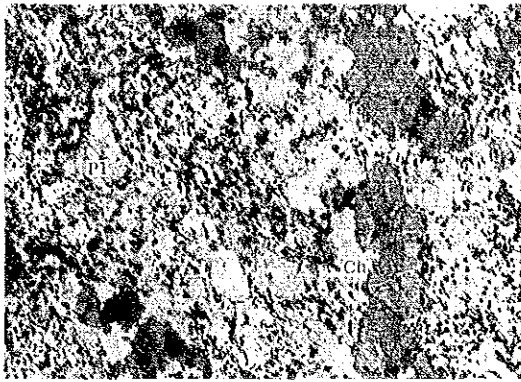
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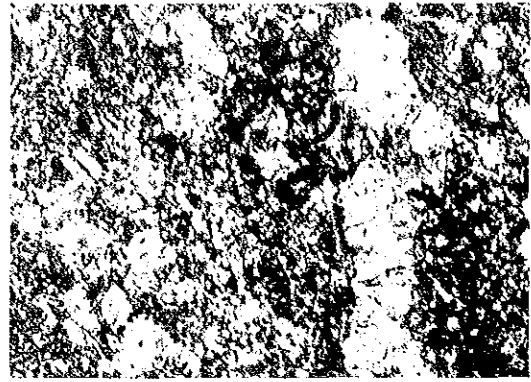
Crossed nicols

Sample No. : WCU-11
 Location : Arroyo Olla
 Rock Name : Dacite

1 mm



Open nicol



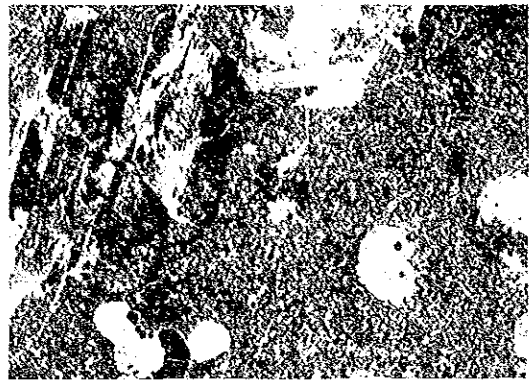
Crossed nicols

Sample No. : WCR-2
 Location : La Crucecita
 Rock Name : Basalt

1 mm



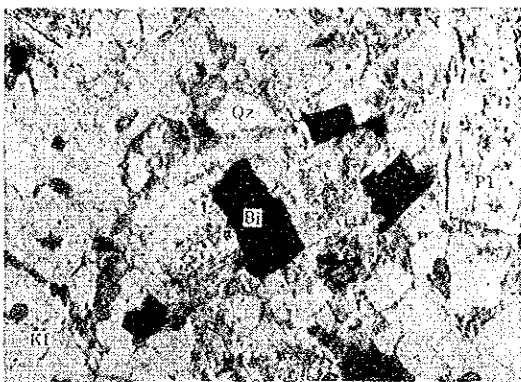
Open nicol



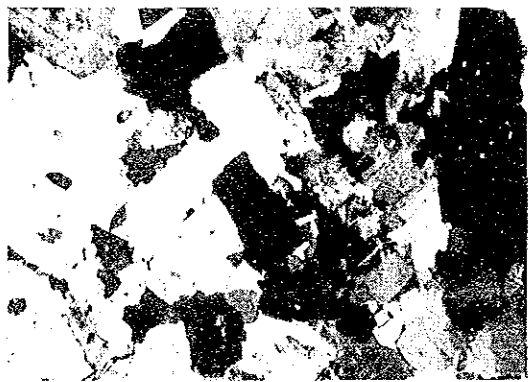
Crossed nicols

Sample No. : ENC-1
 Location : Los Encino
 Rock Name : Andesite

1 mm



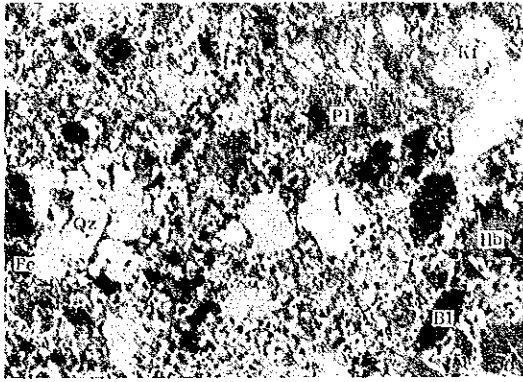
Open nicol



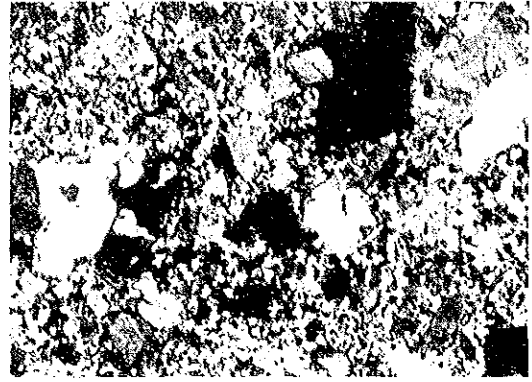
Crossed nicols

Sample No. : A-1
 Location : Cuale
 Rock Name : Quartz Monzonite

1 mm



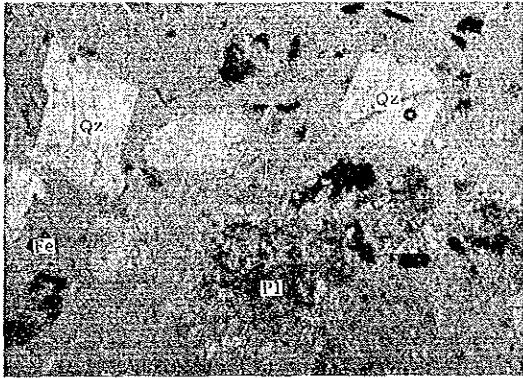
Open nicol



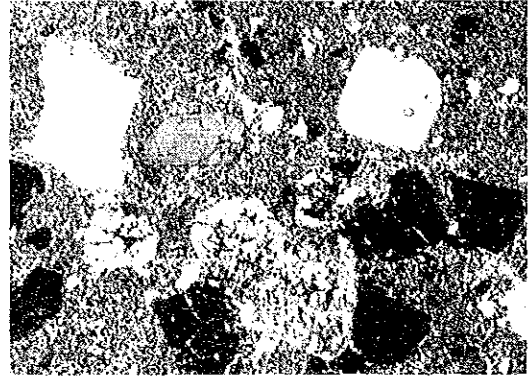
Crossed nicols

Sample No. : A-21
Location : La Concha (E)
Rock Name : Quartz Monzonite

1 mm



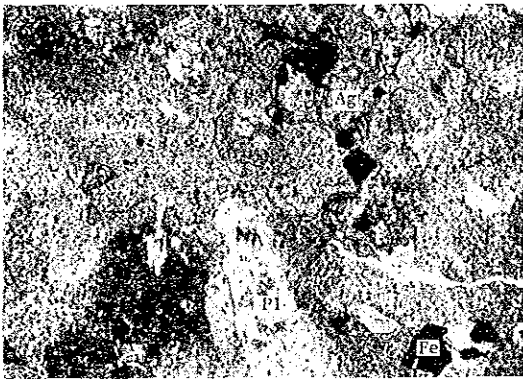
Open nicol



Crossed nicols

Sample No. : G-48
Location : El Mirador (N)
Rock Name : Dacite

1 mm



Open nicol



Crossed nicols

Sample No. : KM-41
Location : La Joya
Rock Name : Andesite

1 mm

付録4 火山岩の化学組成 (34個)

No.	Sample No.	Rock Code	Coordinates		Chemical Composition (wt. %)														Alkali Alteration Index
			-X	Y	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	LOI	BaO		
103	1 CB-7	Kdc-sh	12,670	10,550	71.09	0.14	13.28	1.34	1.27	Tr	2.55	0.09	0.63	0.65	0.02	2.75	0.03	82	
104	2 CB-18	Kdel-a	2,160	18,600	71.52	0.11	13.08	0.77	0.72	Tr	1.19	0.03	1.58	4.32	0.03	1.42	0.10	77	
105	3 CC-11	Kdel-b	16,650	28,450	79.92	0.05	9.55	1.33	0.11	Tr	0.56	0.01	0.07	2.62	0.01	1.56	0.26	98	
106	4 D-4	Kdc-sh	13,470	10,940	74.03	0.10	12.44	0.65	0.14	Tr	0.11	Tr	0.66	7.61	0.04	0.86	0.14	92	
107	5 D-17	Kdc-sh	14,220	12,850	68.97	0.27	14.09	3.22	0.73	Tr	1.48	0.01	0.10	4.43	0.06	2.76	0.07	98	
108	6 D-61	Kdel-b	10,520	11,030	79.00	0.20	8.76	0.20	1.18	Tr	0.68	0.22	2.38	1.38	0.05	0.91	0.22	44	
109	7 D-62	Kdel-b	13,010	11,530	78.57	0.05	0.71	16.43	0.22	Tr	0.02	Tr	Tr	0.04	0.02	2.67	Tr	100	
110	8 D-68	Kdel-b	12,000	10,580	68.37	0.52	14.75	1.47	1.11	0.01	0.56	0.13	4.34	3.24	0.08	1.05	0.10	46	
111	9 D-82	Kdel-b	15,180	7,636	70.79	0.28	13.30	0.95	2.20	0.01	0.90	0.05	0.92	5.16	0.06	1.29	0.10	86	
112	10 DA-4	Kdel-b	12,540	12,270	78.38	0.12	10.54	0.57	0.29	Tr	0.10	0.03	2.58	3.34	0.02	0.62	0.12	57	
113	11 DA-16	Kdel-b	12,290	12,980	75.79	0.12	13.78	0.66	0.24	Tr	0.05	0.03	3.83	3.43	0.02	0.90	0.14	47	
114	12 DA-69	Kdel-b	20,760	38,260	91.23	0.08	0.47	2.39	0.19	Tr	0.01	Tr	Tr	0.03	0.01	0.19	0.03	100	
115	13 DA-73	Kdel-b	15,130	27,700	76.89	0.09	9.81	0.89	0.40	Tr	0.26	Tr	0.20	5.93	0.02	1.28	0.07	97	
116	14 DG-12	Kdc-sh	12,500	11,830	85.22	0.08	6.86	0.86	0.13	Tr	0.32	Tr	0.04	1.33	0.01	1.67	Tr	98	
117	15 DG-22	Kdel-b	21,200	38,860	73.23	0.14	7.25	9.10	0.32	Tr	0.06	0.01	0.06	0.47	0.04	2.32	Tr	88	
118	16 DK-2	Kdel-b	13,370	13,500	75.89	0.05	14.46	0.57	0.17	Tr	0.25	Tr	0.04	0.99	0.01	3.63	0.03	97	
119	17 G-12	De	20,450	29,900	75.81	0.06	11.59	0.29	0.68	Tr	0.58	0.03	3.92	2.54	0.01	0.80	0.03	45	
120	18 G-38	De	3,940	39,600	72.52	0.07	13.08	0.50	0.84	Tr	0.39	0.02	3.62	5.05	0.01	0.48	0.06	60	
121	19 G-61	Kdel-b	19,950	38,250	69.38	0.13	9.85	5.06	4.00	Tr	1.80	0.01	0.02	1.88	0.05	4.40	Tr	99	
122	20 L-33	Kdel-b	19,800	38,020	74.31	0.09	7.02	1.09	5.67	Tr	2.15	0.03	0.07	0.73	0.03	2.20	Tr	97	
123	21 MIN-1	Tdel	2,150	10,820	67.23	0.15	14.72	0.62	1.48	Tr	0.66	0.26	2.97	3.38	0.09	2.09	0.04	56	
124	22 MC-3	De	17,040	25,470	84.05	0.03	8.06	0.11	0.34	Tr	0.12	0.01	2.65	1.98	0.01	0.19	0.07	44	
125	23 KM-18	De	6,220	31,560	75.32	0.09	12.51	0.43	0.24	Tr	0.04	0.02	2.40	4.83	0.03	0.54	0.07	67	
126	24 KM-47	Kdel-b	17,760	33,250	78.51	0.06	9.79	0.14	0.24	Tr	0.27	0.04	2.62	3.59	0.01	0.26	0.17	59	
127	25 WCM-3	Kdel-b	4,980	23,140	76.47	0.04	11.68	0.42	1.00	Tr	1.76	0.03	2.90	1.53	Tr	1.60	0.06	53	
128	26 WCM-10	Kdel-b	4,270	23,500	68.49	0.31	14.31	1.20	0.51	Tr	0.62	0.18	3.21	3.30	0.09	2.19	0.10	54	
129	27 WCON-11	Kdel-b	16,020	29,660	75.52	0.17	10.18	0.30	0.56	Tr	0.26	0.03	1.30	6.91	0.05	0.42	0.16	84	
130	28 WCU-4	Kdel-b	15,750	31,260	79.36	0.07	10.56	0.18	0.75	Tr	0.36	0.03	1.82	5.19	0.01	0.31	0.07	75	
131	29 WCU-10	Kdc-sh	14,330	31,350	80.90	0.06	9.42	0.09	0.77	Tr	0.73	0.04	3.37	1.10	0.01	0.72	Tr	34	
132	30 WCU-15	Kdel-b	18,610	26,500	78.16	0.05	10.16	1.72	1.17	Tr	1.12	0.01	0.08	2.35	0.01	2.14	0.07	97	
133	31 WCUM-8	Kdel-b	18,460	26,670	74.98	0.05	12.80	0.14	0.78	Tr	2.59	0.01	0.57	1.97	0.01	2.83	0.10	88	
134	32 WCUM-9	Kdel-b	17,980	27,070	77.14	0.08	9.44	0.30	0.48	Tr	1.90	0.01	2.60	1.98	0.01	1.47	0.10	60	
135	33 WCUM-12	Kdel-b	16,810	30,200	72.85	0.05	8.10	13.43	0.15	Tr	0.50	0.01	0.04	2.03	0.01	2.01	0.06	98	
136	34 WCUM-20	Kdel-b	14,850	7,600	75.72	0.06	9.00	0.91	0.72	Tr	0.28	0.01	1.34	6.63	0.01	0.70	0.12	84	

Rock Code: refer to Fig. 3-1

103-136: reference number to Cluster Dendrogram of Rock Samples (Fig. 4-4)

付録5 鉱石研磨片の顕微鏡観察結果一覧表 (29個)

(1)

No.	Mineralized Zones	Sample No.	Coordinates		Ore Minerals											Gangue Minerals							Remarks
			-X	Y	Sp	Cp	Gn	Py	Bo	Te	Asp	El	Ma	En	Co	Hem	Ba	Ca	Qz	Ch	Se	Car	
1	Chivos de Abajo	CHI-1	16,900	28,580	○	○	○	●	●	●								◎					Sphalerite-galena-chalcocopyrite-pyrite ore
2	Chivos de Abajo	CHI-2	16,900	28,580	●	●	◎	◎	●	●													Pyrite ore with chalcocopyrite
3	La Amaltea	WDS-18	3,550	23,470	◎	●	○	◎		●		○					◎						Sphalerite ore
4	La Amaltea	KM-3	3,550	23,470	◎	●	○	○	●	●							◎						Sphalerite-galena-pyrite ore with tetrahedrite
5	La Amaltea	KM-4	3,550	23,470	○	○	○	◎		●													Pyrite-chalcocopyrite-sphalerite ore
6	La Amaltea	KMO-3	3,730	23,200	◎	●	○	◎	◎														Sphalerite-bornite-galena-pyrite ore
7	San Pedro	KM-34	12,180	10,500	◎	●	◎	○															Sphalerite-galena ore
8	San Pedro	KM-61	12,200	10,630	●	●	◎	◎	●														Pyrite ore
9	San Pedro	KM-63	11,900	10,400	◎	○	○	◎		●													Pyrite-sphalerite ore with galena
10	San Pedro	KM-64	11,910	10,250		●		●									◎	◎					Carbonate rock with pyrite
11	Los Alpes	KMO-2	13,360	11,720	◎		◎	◎		●													Sphalerite-galena ore
12	El Limoncillo	L-22	13,400	17,050	◎		○	○						●									Sphalerite-galena ore
13	La Minita	MIN-2	2,450	11,050	●			●			◎						◎	◎					Arsenopyrite-quartz ore
14	Refugio	MR-5	17,680	27,400	◎		◎	◎		●							○				◎		Sphalerite-galena ore
15	Naricero	NAR-1	17,070	27,280	○		○	○		●													Sphalerite-galena ore
16	Naricero	NAR-2	17,070	27,280	◎		◎	●									◎?						Sphalerite-galena ore

Abbreviation

Sp: Sphalerite Cp: Chalcocopyrite Gn: Galena Py: Pyrite Bo: Bornite Te: Tetrahedrite Asp: Arsenopyrite El: Electrum
 Ba: Barite Ca: Calcite Qz: Quartz Ch: Chlorite Se: Sericite Ma: Marcasite En: Enargite Co: Covellite
 ◎: Abundant ○: Common ●: Minor ●: Rare ◎: Hem: Hematite Car: Carbonate

(2)

No.	Mineralized Zones	Sample No.	Coordinates		Ore Minerals											Gangue Minerals						Remarks	
			-X	Y	Sp	CP	Gn	Py	Bo	Te	Asp	El	Ma	En	Co	Hem	Ba	Ca	Cz	Ch	Se		Car
					●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●		○
17	Naricero	NAR-3	17,070	27,280	●	●	●	◎	●														Pyrite ore
18	Grandeza	ORO-1	14,250	26,550	◎	●	●	◎	●									◎?					Sphalerite-pyrite ore
19	Grandeza	ORO-2	14,250	26,550	◎	○	○	○			●												Sphalerite ore
20	Prieta	PRI-1	17,500	28,400	○	●	○	◎	●	●													Pyrite ore with sphalerite and galena
21	Prieta	PRI-2	17,500	28,400	◎	●	◎	◎	●	●						◎							Sphalerite-galena-pyrite ore
22	El Rubi	RUB-1	16,730	28,650	●	●		◎	●	●								○					Framboidal pyrite containing pyrite ore
23	San Rafael	SAN-1	13,880	25,300	◎	●	●	◎	●									●					Sphalerite-pyrite ore
24	San Rafael	SAN-2	13,880	25,300	○	●	●	○	●									◎					Sphalerite-quartz ore
25	Socorredora	SOC-1	17,430	28,180	◎	●	○	○	○														Sphalerite-galena ore
26	Socorredora	SOC-2	17,430	28,180	●	●	●	◎	●									◎					Pyrite-quartz ore
27	Cuatro Minas	W-1	4,650	23,450	●	●		○															Pyrite disseminated dacite
28	Cuatro Minas	W-2	4,650	23,450	◎	●	○	◎	●	●						◎?							Sphalerite-galena ore
29	La Olla	HO-1	16,800	31,930			●	◎															Pyrite ore

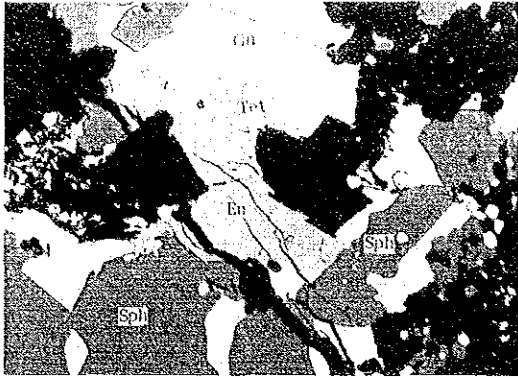
Abbreviation

Sp: Sphalerite Cp: Chalcopyrite Gn: Galena Py: Pyrite Bo: Bornite Te: Tetrahedrite Asp: Arsenopyrite El: Electrum
Ba: Barite Ca: Calcite Qz: Quartz Ch: Chlorite Se: Sericite Ma: Marcasite En: Enargite Co: Covellite
◎: Abundant ○: Common ●: Minor ○: Rare Hem: Hematite Car: Carbonate

付録 6 鉱石研磨片の顕微鏡写真

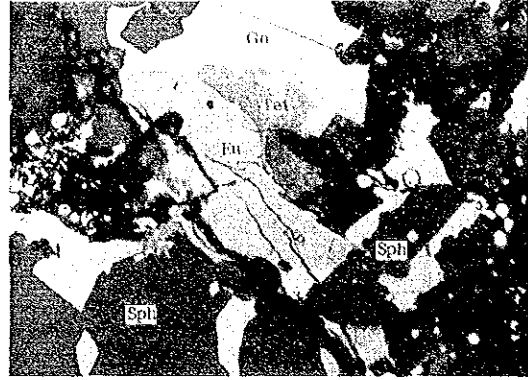
Abbreviation

Sph	:	Sphalerite
Cp	:	Chalcopyrite
Gn	:	Galena
Py	:	Pyrite
Bo	:	Bornite
Tet	:	Tetrahedrite
El	:	Electrum
En	:	Enargite



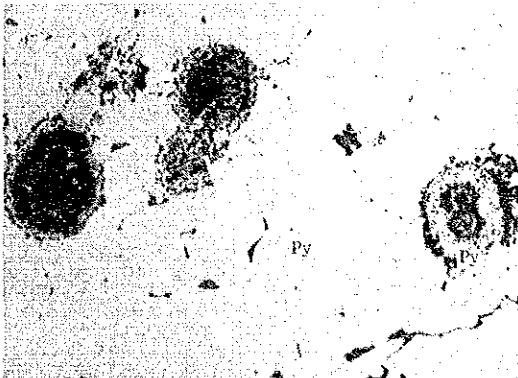
Open nicol

Sample No. : W-2 0.1 mm
 Location : Cuatro Minas
 Remarks : Shalerite-galena ore



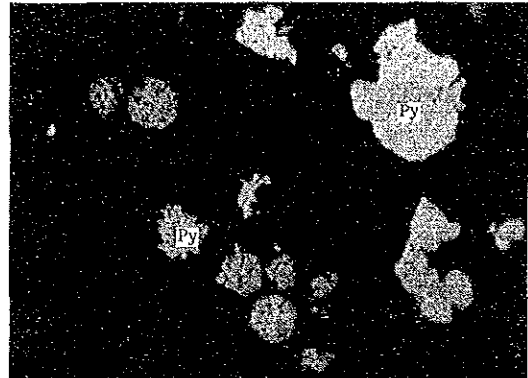
Crossed nicols

Sample No. : W-2 0.1 mm
 Location : Cuatro Minas
 Remark : Sphalerite-galena ore



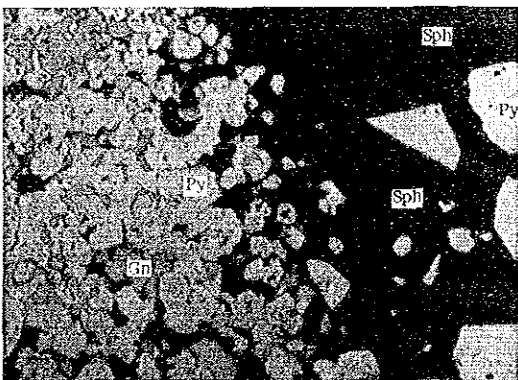
Open nicol

Sample No. : RUB-1 0.05 mm
 Location : El Rubi
 Remarks : Pyrite ore



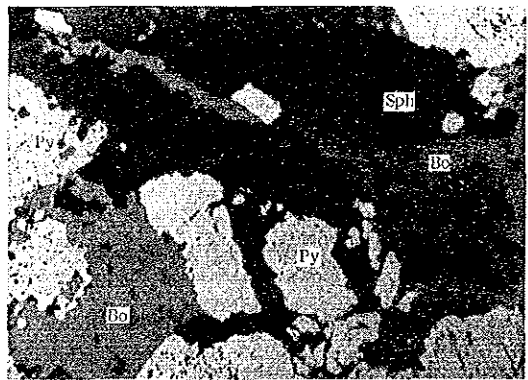
Open nicol

Sample No. : SOC-2 0.05 mm
 Location : Socorredora
 Remarks : Pyrite-quartz ore



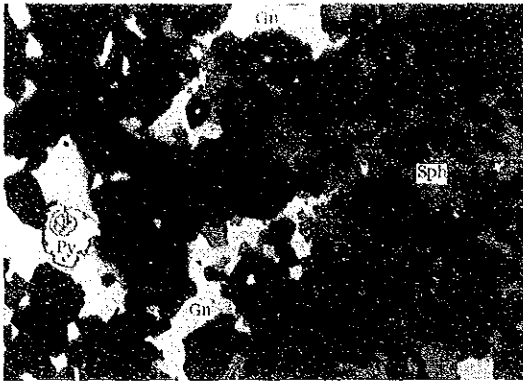
Open nicol

Sample No. : PRI-2 0.1 mm
 Location : Prieta
 Remarks : Sphalerite-galena-pyrite ore



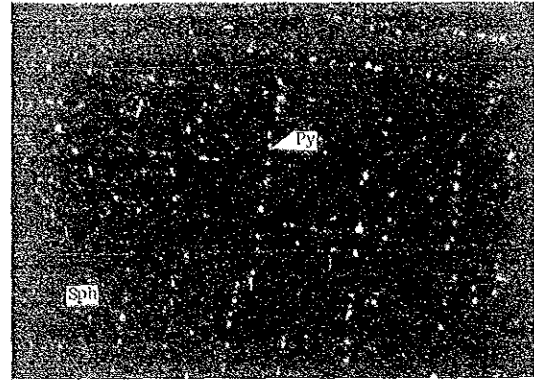
Open nicol

Sample No. : KMO-3 0.2 mm
 Location : La Amaltea
 Remarks : Sphalerite-galena ore



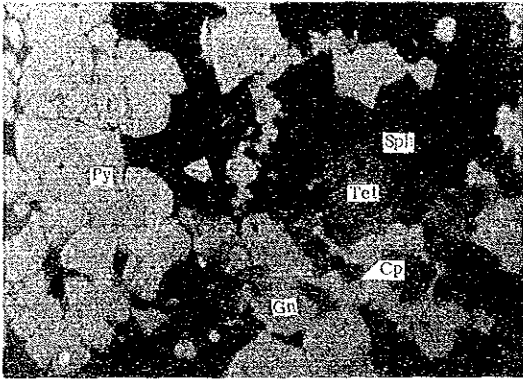
Open nicol

Sample No. : NAR-1 0.1 mm
 Location : Naricero
 Remarks : Sphalerite-galena-pyrite ore



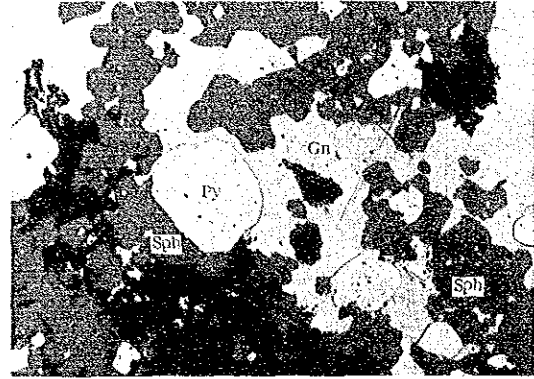
Open nicol

Sample No. : NAR-2 0.1 mm
 Location : Naricero
 Remarks : Sphalerite-galena ore



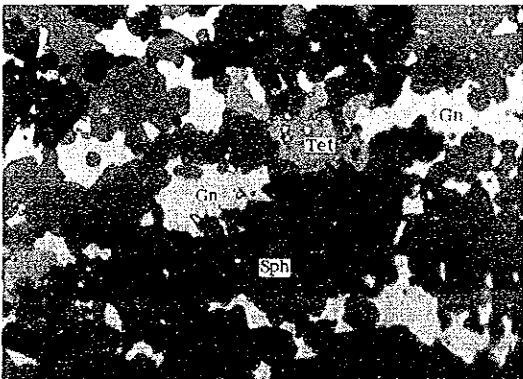
Open nicol

Sample No. : CHI-1 0.1 mm
 Location : Chivos de Abajo
 Remarks : Sphalerite-galena-chalcocopyrite-pyrite ore



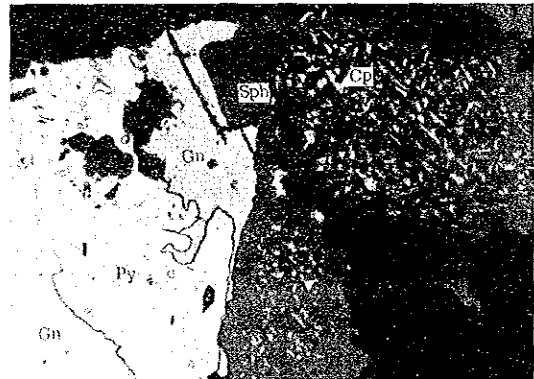
Open nicol

Sample No. : KM-34 0.2 mm
 Location : San Pedro
 Remarks : Sphalerite-galena ore



Open nicol

Sample No. : MR-5 0.1 mm
 Location : Refugio
 Remarks : Sphalerite-galena ore



Open nicol

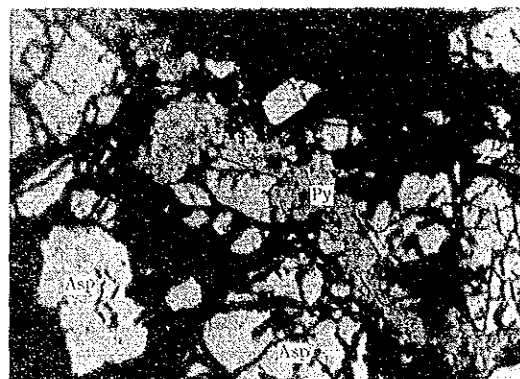
Sample No. : L-22 0.2 mm
 Location : El Limoncillo
 Remarks : Sphalerite-galena ore



Open nicol

Sample No. : ORO-2
 Location : Grandeza
 Remarks : Sphalerite ore with chalcopyrite, galena and pyrite

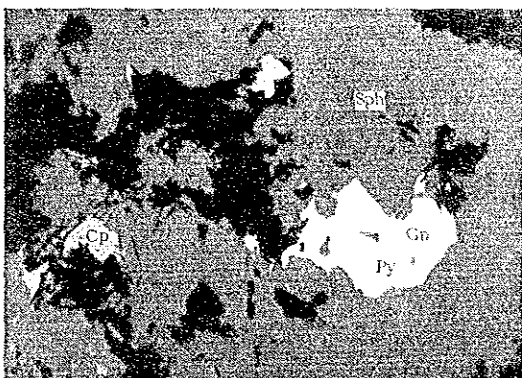
0.1 mm



Open nicol

Sample No. : MIN-2
 Location : La Minita
 Remarks : Arsenopyrite-quartz ore

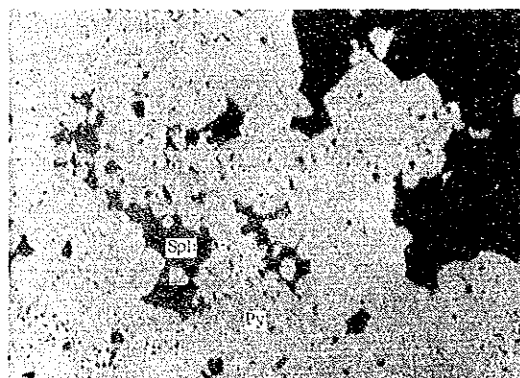
0.1 mm



Open nicol

Sample No. : SOC-1
 Location : Socorredora
 Remarks : Sphalerite-galena ore

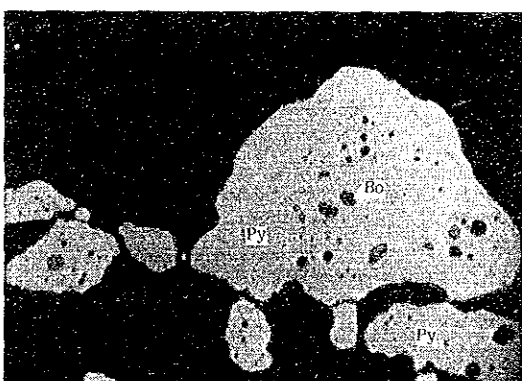
0.1 mm



Open nicol

Sample No. : NAR-3
 Location : Naricero
 Remarks : Pyrite ore

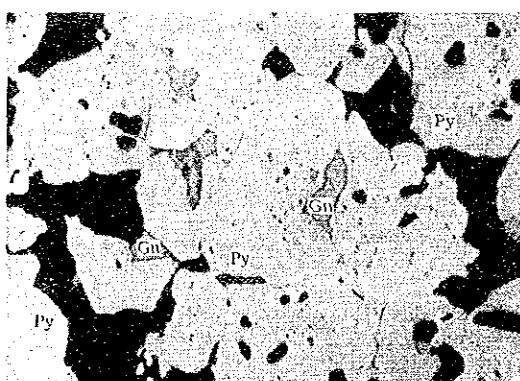
0.1 mm



Open nicol

Sample No. : W-1
 Location : Cuatro Minas
 Remarks : Pyrite impregnated ore

0.1 mm



Open nicol

Sample No. : PRI-1
 Location : Prieta
 Remarks : Pyrite ore with sphalerite and galena

0.2 mm

付録7 鉍石試料の分析値一覧表 (35個)


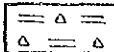
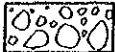
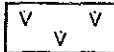
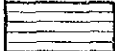
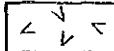
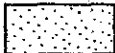
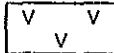
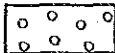
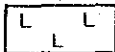
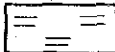

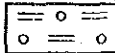
No.	Mineralized Zone	Sample No.	Coordinates		Analytical Results					Remarks
			-X	Y	Au(g/t)	Ag(g/t)	Cu(%)	Pb(%)	Zn(%)	
1	Chivos de Abajo	CHI-1	16,900	28,580	0.7	239	1.76	7.54	22.66	Kuroko ore
2	Chivos de Abajo	CHI-2	16,900	28,580	1.0	46	0.98	0.16	0.06	Oko ore
3	La Amaltea	KMO-3	3,730	23,200	1.0	64	2.60	0.87	29.39	Kuroko ore
4	La Amaltea	WDS-18	3,550	23,470	2.5	163	0.37	5.18	22.56	Sph ore (Kuroko ore)
5	La Amaltea	KM-3	3,550	23,470	3.5	145	0.46	3.81	11.20	Kuroko ore
6	La Amaltea	KM-4	3,550	23,470	2.6	50	3.69	0.12	2.70	Py-cp-sph ore
7	San Pedro	KM-34	12,180	10,500	0.5	87	0.26	13.25	23.56	Kuroko ore
8	San Pedro	KM-61	12,200	10,630	1.2	140	0.06	0.09	0.12	Py ore
9	San Pedro	KM-62	12,200	10,630	0.2	10	0.07	0.43	0.20	Gossan?
10	San Pedro	KM-63	11,900	10,400	0.6	130	0.04	2.12	3.73	Py-sph ore
11	San Pedro	KM-64	11,910	10,250	Tr	12	0.01	0.03	0.23	Carbonate rock
12	La Trozada-E	KMO-1	14,150	12,300	Tr	4	0.01	0.02	0.01	Waste
13	Los Alpes	KMO-2	13,360	11,720	1.0	89	0.27	19.03	28.75	Kuroko ore
14	Arriba de San Juan	DA-64	21,630	38,280	0.1	2	0.02	0.01	0.03	Gossan
15	El Limoncillo	L-22	13,400	17,050	0.1	112	0.35	7.02	12.58	Sph-gn ore
16	La Minita	MIN-1	2,450	11,050	Tr	2	0.01	0.06	0.12	Py-qz Vein
17	La Minita	MIN-2	2,450	11,050	3.4	14	0.01	0.24	0.04	Asp-qz ore
18	Rejugio	MR-5	17,680	27,400	0.1	111	0.07	0.82	1.80	Sph-gn ore
19	Naricero	NAR-1	17,070	27,280	0.6	405	0.14	1.87	7.08	Sph-gn-py ore
20	Naricero	NAR-2	17,070	27,280	2.0	3,504	0.24	7.14	13.65	Kuroko ore
21	Naricero	NAR-3	17,070	27,280	0.9	790	0.20	0.25	0.45	Py ore
22	Coloradita	O-1	16,360	28,830	13.3	80	0.16	0.78	0.20	Gossan
23	Grandeza	ORO-1	14,250	26,550	0.8	15	0.15	0.27	4.61	Sph-py ore
24	Grandeza	ORO-2	14,250	26,550	3.6	45	0.81	1.47	33.45	Sph ore
25	Prieta	PR1-1	17,500	28,400	0.9	624	0.13	1.42	0.80	Py ore (sph, gn)
26	Prieta	PR1-2	17,500	28,400	1.5	4,218	0.31	5.95	21.64	Sph-gn-py ore
27	El Rubi	RUB-1	16,750	28,650	0.4	2	0.01	Tr	Tr	Siliceous ore
28	El Rubi	RUB-2	16,750	28,650	2.4	28	0.02	0.06	1.02	Oko ore < Py ore
29	San Rafael	SAN-1	13,880	25,300	0.9	568	0.03	1.56	41.07	Sph-py ore
30	San Rafael	SAN-2	13,880	25,300	0.1	6	0.01	0.30	15.38	Sph-qz ore
31	Socorredora	SOC-1	17,430	28,180	Tr	49	0.15	8.92	23.73	Sph-gn ore
32	Socorredora	SOC-2	17,430	28,180	0.5	117	0.05	0.41	1.76	Py-qz ore
33	Cuatro Minas	W-1	4,650	23,450	0.8	6	0.04	0.03	0.02	Py imp. ore
34	Cuatro Minas	W-2	4,650	23,450	1.1	708	0.03	2.68	7.08	Sph-gn ore
35	La Olla	HO-1	16,800	31,930	1.6	1,518	0.03	0.58	0.24	Py ore

付録9 化石鑑定結果一覽表 (33個)

No.	Sample No.	Coordinates		Rock Code	Nannoplankton	Radiolaria	Foramini-fera	Known age	Remarks
		-X	Y						
1	A-2	11,700	32,500	Jsch	Barren	Barren	Barren	Unknown	
2	A-13	22,420	26,620	"	"	"	"	"	
3	L-30	17,950	39,530	"	"	"	"	"	
4	LOB-4	13,060	37,250	"	"	"	"	"	
5	KM-30	11,780	16,030	Ksh1	"	Common/Poor	"	"	Low. part of Ksh1
6	K-5	11,050	12,420	"	"	Rare/Poor	"	"	"
7	MAD-1	4,400	13,930	"	"	Barren	"	"	"
8	MAD-9	6,810	13,060	"	"	"	"	"	"
9	A-8	7,170	12,660	"	"	"	"	"	"
10	KM-1	2,380	23,040	"	"	"	"	"	"
11	KM-38	10,350	11,400	"	"	Sethocapsa sp. Nassellaria fam. gen. et sp. indet.	"	Lower Cret. (?)	"
12	KM-60	10,980	11,920	"	"	Barren	Rare/Poor	Unknown	"
13	G-2	2,050	24,650	"	"	"	Barren	"	"
14	WDS-12	3,100	24,230	"	"	"	"	"	"
15	K-3	13,320	11,360	Koh-b	"	"	"	"	"
16	L-17	13,380	21,700	"	"	"	"	"	"
17	L-18	13,300	21,440	"	"	"	"	"	"
18	MN-1	17,350	27,900	"	"	"	"	"	"
19	MR-3	17,610	27,410	"	"	"	"	"	"
20	NAR-4	17,060	27,020	"	"	"	"	"	"
21	K-1	13,460	10,420	Kdc-sh	"	Rare/Poor	"	"	"
22	K-2	13,530	10,850	"	"	Barren	"	Lower Cret. (?)	"
23	K-4	13,380	12,500	"	"	Tricolocapsa (?) sp.	"	Lower Cret. (?)	"
24	KM-40	10,090	9,700	"	Watznaueria barnesae creterhabdus sp.	Barren	"	Unknown	"
25	G-68	11,570	11,350	"	Barren	"	"	"	"
26	WCON-5	13,470	10,600	"	"	"	"	"	"
27	WCON-9	13,760	7,820	"	"	"	"	"	"
28	L-6	4,450	29,330	Ksh1	"	"	"	"	Up. part of Ksh1
29	L-7	4,180	29,200	"	"	"	"	"	"
30	L-61	900	31,780	"	"	"	"	"	"
31	WCR-4	1,280	27,000	"	"	"	"	"	"
32	WCR-5	1,900	27,520	"	"	"	"	"	"
33	L-44	190	8,880	Tss1	"	Amphipyndax (?) sp. Cryptocephalic or Cryptoragic radiolarians	"	Cretaceous	Conglomerate

付録 12 ボーリング柱状図

Legend

	Soil		Tuff breccia
	Gravel		Basalt
	Shale		Footwall dacite
	Sandstone		Dolerite
	Hanging wall dacite	Py : Pyrite	
	Dacite in ore horizon	Po : Pyrrhotite	
	Fine tuff	Cp : Chalcopyrite	
	Pumice tuff	Cal : Calcite	
	Lapilli tuff		

X-1: Sample Numbers of X-ray Powder Diffraction
 P-1: Sample Numbers of Polished Section

AREA JALISCO

Drill No. MJM - 1

(253.30^M)

0 m ~ 200 m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
0		Gravel	Gravel with brown clay										
250			Pale green dacite predominant			102.00		Shale	Partly finely laminated				
430		Sandstone	Gray, hard, strongly fractured			102.70		Shale	Partly olive patch bearing				
640			fractured			109.20		Shale	Black, compact, hard			X-3	
940			Compact, massive			110.60		Sandstone	Gray, compact, hard, well-sorted	Po clots			
1400		Shale	Black, compact, hard with calcite veinlets	Py-veinlets	Cal-veinlets	116.70		Shale	Black, compact, hard, intercalated with thin fine-tuff				
1865		Sandstone	Gray, compact, hard, well sorted			118.40				Po seam in fine-tuff			
20						119.20				Po seam in fine-tuff			
22.40		Shale	Black, compact, hard, with calcite veinlets		Cal-veinlets	121.30		Fine tuff (lapilli-tuff)	Gray-olive, compact, hard, lapilli (acidic volcanics) bearing				
23.50		Fine-tuff	Gray, compact, hard			122.40		Shale	Black, compact, hard (weakly silicified)			Silicification	
123.20			fracture			124.20							
128.50						130							
130						130.60				Po clots			
13300													
13600													
40						140							
140.50						140.40							
						141.20							
4600		Fine-tuff	P. gray-olive, compact, hard	Py-Po	dissem.				A part of common intercalation of fine-tuff layer				
4710		Shale	Black,			147.80						Po concentration parallel to bedding	
50		Fine tuff	P. gray-olive, compact, hard			150							
50.60													
51.60		Shale	Black-dark gray, compact, hard			154.00							
54.50		Sandstone				157.50							
55.00		Fine-tuff				158.40							
55.80		Sandstone	Black-gray, compact, hard, partly-intercalated with black shale			160							
60						162.40		Fine-tuff	Gray, compact, hard				
162.50						164.00		Shale	Black, compact, hard, intercalated with thin fine-tuff layer				
70						170		Fine-tuff	Gray, compact, hard				
71.50		Fine-tuff	Olive, compact, blackish green patch bearing	Py (Co) dissem.		170.55							
73.40		Shale	Alternation of black shale and fine-tuff			173.30		Shale	Black, compact, hard with thin fine-tuff layer (5-8 mm)	Fine Py seam (3mm)			
78.40		Sandstone	Black, (fine), compact, intercalated with thin fine-tuff layer			180							
80						183.90							
85.30		Shale	Black, compact, hard, intercalated with fine-tuff layer			186.90		Fine-tuff	Gray, compact, hard				
90						188.20		Shale	Black, compact, hard, very fine				
90						189.25		Fine-tuff	Dark gray, compact, hard				
90						190		Shale	Black, compact, hard, commonly intercalated with thin fine-tuff layer (20 cm)				
196.5													
99.00		Fine-tuff	Olive, compact, hard										

Abbreviation Py: pyrite, Po: pyrrhotite, Cp: chalcopyrite, Cal: calcite

AREA JALISCO Drill No. MJM - 1 (253.30^M.) 200m ~ 253.3m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
210		Shale	Black, compact, hard, intercalated with thin fine tuff layer										
210.60			<small> Au(g/t) Ag(g/t) Cu(g/t) Pb(g/t) Zn(g/t) 2080 - 209.0m 0 3 0.01 0.04 0.15 2090 - 210.0 0 2 0.01 0.03 0.15 2100 - 211.0 0 4 0.01 0.03 0.12 2110 - 212.0 0 16 0.01 0.06 0.12 </small>										
213.10		Fine-tuff	Gray, hard (intensely silicified) with fine Pyrite		silicification	LP-2 X-5	310						
213.40		Dolerite(?)											
218.00		Shale	Gray brownish gray, massive										
220		Fine-tuff	Dark gray, compact, hard, dark-green patch bearing			X-6 LP-3	320						
220			<small> Au(g/t) Ag(g/t) Cu(g/t) Pb(g/t) Zn(g/t) 2185 - 220.5m 0 3 0.01 0.03 0.10 2225 - 223.5 0 6 0.01 0.06 0.10 2235 - 224.5 0 8 0.01 0.03 0.10 </small>			X-7							
230						X-8	330						
232.40		Shale	Black, compact, hard										
240							340						
244.20													
250			Intercalation of sandstone layer				350						
253.30													
260							360						
270							370						
280							380						
290							390						

AREA JALISCO Drill No. MJM - 2 (262.60^M)

0 m ~ 200 m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
200		Soil	Yellowish brown, loose rather homogeneous										
			Dark brown, loose										
110						110500			Bleached white, silicified, fractured, loose				
						110900			Gray-pale gray, compact, hard			silicification	
1300		Gravel	Pale gray-light brown, compact, welded tuff predominant										
1350		Shale	Black, compact, but well fractured with pyrite impregnation	Py impregnation									
1850		Dolerite	Dark green-brown loose weathered										
2100		Dacite	Light brown, well fractured, weathered. Partly silicified part bearing									silicification	
2450		Dolerite	Olive, compact, weakly weathered and partly fractured										
2650		Dacite	Brown green, white dotted dacite. Weathered and fractured										
30					-X-9	130			Pale gray-white, silicified hard, (Partly pyrite veinlets ~ impregnation)	Py veinlets ~ impregnation			
3600			Green, white dots bearing weakly fractured with calcite veinlets										
40						140							
4550		Dolerite	Dark green, compact, massive, partly well-fractured										
50						150							-X-12
5490		Dacite	Green, fractured, partly clayey part and epidote veinlets with fine pyrite bearing			154900			White-Pale green, silicified with pyrite impregnation veinlets	Py impregnation ~ veinlets			
60					-X-10	160							
						16600			Bleached, white silicified weak pyrite impregnation	Py impregnation		silicification	-X-13
						16620			Dark green-green, white spotted, rather loose				
68101						170							
70			Calcite-veinlets abundant			171501							
73000						174001							
			Pale gray, massive, white dotted (plagioclase) rather loose			180							
80						18001							
81001						181001						silicification	
83801						18400							
87001						18900							
90						190						silicification	
9201					-X-11	1965							-X-14
						1970							
		Dolerite	Dark green, compact, massive homogeneous										

AREA JALISCO Drill No. MJM - 2 (262.60^M) 200 m ~ 262.6m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.																																						
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration																																							
210	V V V V V V V V V V V V V V V				Epidote veinlet (204.7)																																														
212.30	V V V V	Basalt	Fractured, dark green purple, compact, Brecciated lava																																																
214.00	Q Q		Gas pore filled with calcite Calcite veinlet common		Cal veinlets (226.6) (227.3) Py impregnation																																														
240	Q Q		<table border="1" style="font-size: small;"> <tr> <th>Aught</th> <th>Ashta</th> <th>Cutsh</th> <th>Fe(M)</th> <th>Zn(M)</th> </tr> <tr> <td>247.6 - 248.6</td> <td>0</td> <td>Tr</td> <td>0.02</td> <td>0.08</td> <td>0.12</td> </tr> <tr> <td>248.6 - 249.6</td> <td>0</td> <td>2</td> <td>0.02</td> <td>0.08</td> <td>0.12</td> </tr> <tr> <td>249.6 - 250.6</td> <td>0</td> <td>Tr</td> <td>0.01</td> <td>0.01</td> <td>0.10</td> </tr> <tr> <td>250.6 - 251.6</td> <td>0</td> <td>S</td> <td>0.01</td> <td>0.10</td> <td>0.10</td> </tr> <tr> <td>251.6 - 252.6</td> <td>0</td> <td>Fr</td> <td>0.01</td> <td>0.08</td> <td>0.10</td> </tr> <tr> <td>252.6 - 253.1</td> <td>0</td> <td>Tr</td> <td>0.02</td> <td>0.08</td> <td>0.15</td> </tr> </table>	Aught	Ashta	Cutsh	Fe(M)	Zn(M)	247.6 - 248.6	0	Tr	0.02	0.08	0.12	248.6 - 249.6	0	2	0.02	0.08	0.12	249.6 - 250.6	0	Tr	0.01	0.01	0.10	250.6 - 251.6	0	S	0.01	0.10	0.10	251.6 - 252.6	0	Fr	0.01	0.08	0.10	252.6 - 253.1	0	Tr	0.02	0.08	0.15							
Aught	Ashta	Cutsh	Fe(M)	Zn(M)																																															
247.6 - 248.6	0	Tr	0.02	0.08	0.12																																														
248.6 - 249.6	0	2	0.02	0.08	0.12																																														
249.6 - 250.6	0	Tr	0.01	0.01	0.10																																														
250.6 - 251.6	0	S	0.01	0.10	0.10																																														
251.6 - 252.6	0	Fr	0.01	0.08	0.10																																														
252.6 - 253.1	0	Tr	0.02	0.08	0.15																																														
247.60 248.40	===== ===== ===== ===== ===== ===== ===== =====	Fine pumice tuff	Dark green green, rather compact, pumice elongated(?) fine pyrite impregnation and seam		Py seam Py impregnation					X-15 P-4 X-16 P-5																																									
253.20	V V	Dolerite	Dark green, compact homogeneous, massive																																																

AREA JALISCO

Drill No. MJM-3

(250.60^M)

0 m ~ 200 m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
2.00	Soil		Yellowish brown				V V V						
	Gravel		Brown, brecciated andesite predominant				V V V						
7.20	Fine tuff		Olive brown, rather loose massive, partly shale intercalated				V V V						
10					X-17	110	V V V						
12.20	Shale						V V V						
13.20	Fine tuff		Olive, fine, fractured				V V V						
16.60	Lapilli tuff		Dark green-olive, compact massive, partly fine pyrite concentration				V V V						
20					X-18	120	V V V						
30							V V V						
31.20	Shale		Black, compact, fine-tuff thin layer intercalated (±45°-30°)				V V V						
32.90	Fine tuff		Olive, compact, rather massive				V V V						
34.40	Shale		Black, compact, fractured pyroclastic matter mixed				V V V						
36.10	Fine pumice tuff		Olive, compact, rather massive				V V V						
40					X-19	140	V V V						
41.50	Tuff breccia		Green-pale green, massive rather loose				V V V						
46.00				Py impregnation		147.70	Tuff breccia	Dark green, compact, hard					
47.30			Green-pale green, massive rather hard, weakly fractured			148.60	Shale	Black, compact, fractured			Cal veins		
50						146.60	Tuff breccia	Bluish green, compact, hard, pumice fragments(?) bearing					
56.40	Dolerite		Grayish brown, fine compact			150							
58.30	Tuff breccia		Green, massive, pumice(?) bearing, partly silicified	Py impregnation	silicification	151.30	Shale	Black, compact, fractured					
60						152.50	Fine tuff	Bluish green-olive, compact, partly high-dipping (80°-90°)					
62.10	Dolerite		Olive, fine, compact, hard black dots bearing			159.40	Tuff breccia	Bluish green, compact, hard (silicification?)	Fine py impregnation	silicification (?)			
63.50	Tuff breccia		Grayish brown-green, massive elongated (pumice?) bearing			160							
70					X-20	170							
75.60	Fine tuff		Olive-dark gray, fine compact High dipping (±65°-90°) Fine pyrite impregnation along bedding			180							
83.60	Lapilli tuff		Olive, massive black shale fragments mixed pumice										
90					X-21	190							
91.40	Shale		Black, compact, hard (silicified), Pyroclastic matter mixed		P-6								
92.80	Tuff breccia		Green, silicified, rather massive fractured		LP-7	193.80	Fine tuff	Olive, compact, hard (silicified?)			(Silicification)		
94.90	Dolerite		Dark gray, compact, massive			196.50	Lapilli tuff	Gray, compact, hard, massive well-round lapilli(?) bearing					
				Cal veins		198.60	Dolerite	Black-dark gray, compact, massive					

AREA JALISCO Drill No. MJM - 3 (250.60^M) 200 m ~ 250.60m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
210	v v	Dolerite	Dark green gray, compact, massive, homogeneous				310						
215-90	o o o o o o o o o o o o o o o o o o o o	Lapilli tuff	Olive, compact, fractured, partly black lapilli included	Fine py impregnation	Cat veinlets	X-25	320						
220													
230	v v	Dolerite	Dark green-dark gray compact, massive, homogeneous				330						
240	v v						340						
250	v v v v v v						350						
260							360						
270							370						
280							380						
290							390						

AREA JALISCO Drill No. MJM - 4 (301.60^M)

0m ~ 200m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
100	Soil	Brown					100.00	Lapilli tuff	Black dark gray, compact, hard, pumice bearing (hornfelsic?) Partly py po impregnation	Py Po impregnation	hornfels(?)	X-28	
	Gravel	Brown welded tuff boulder predominant					106.20	Shale	Black, compact, fractured pyrite seam rather common	Py seam	Cal networks		
110							110.00						
1100	Fine tuff	Olive, dark gray, compact, well-sorted, fractured					111.40	Sandstone	Dark gray, compact, hard, well-sorted	Py Po weakly impregnation			
1320	Shale	Black, fine, compact, fractured					113.40	Shale	Black, compact, sandstone thin layer intercalated $\angle 30^\circ$				
		$\angle 35^\circ 45'$ bedding					114.60	Sandstone	Black dark gray, compact, hard, bad-sorting, shale layer intercalated	Py Po impregnation			
					X-26		116.10	Shale	Black, compact, sandstone, intercalated, $\angle 30^\circ$		Cal veinlets		
1900	Fine tuff	Olive, compact, well sorting partly shale thin layer intercalated					120.00						
20							130.00						
30							133.00	Fine tuff	Dark gray, compact, massive homogeneous				
34.70	Shale	Black dark gray, compact, fine tuff layer intercalated					140.00						
40							141.30	Shale	Black-dark gray, compact, hard, partly fine tuff thin layer intercalated				
50							150.00						
52.80	Fine tuff	Dark gray gray, compact, rather well-sorted					158.90	Lapilli tuff	Gray-brownish gray, compact, hard lapilli: subround, essential hornfels(?)		hornfels(?)		
		$\angle 45^\circ 50'$					160.00						
56.40	Shale	Black, compact, hard fine tuff commonly intercalated					162.60						
60													
62.60													
70							169.90						
							170.00	Shale	Dark gray, compact, hard, fine tuff thin layer intercalated				
							179.10	Dolerite	Dark green, compact, massive homogeneous				
80							180.00						
							184.00	Fine tuff	Dark gray, compact, hard, partly laminated $\angle 50^\circ - 60^\circ$				
							186.70	Tuff breccia	Dark gray-brown, compact, hard, white spots bearing breccia: subangular essential				
90							190.00						
91.00													
93.90	Lapilli tuff - (pumice tuff)	Black-dark gray, compact, hard hornfelsic(?)										X-31	
98.00	Shale	Black, compact, fine-medium fractured											

AREA JALISCO Drill No. MJM-4 (301.60^M) 200 m ~ 301.60 m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
201.90	V V V	Fine tuff	Gray ~ brownish gray, compact, hard			X-32							
204.70	V V V	Dacite	Dark gray, compact, hard, white spots bearing, brecciated										
210	V V V												
218.70	V V V	Dolerite	Dark green, rather fine, compact, hard, homogeneous										
220	V V V												
221.20	V V V	Dacite	Dark gray, compact, hard, white spots bearing, brecciated										
224.80	V V V	Fine tuff	Light gray gray, hard, fractured		silicification								
230	V V V												
233.00	V V V	Pumice tuff	Light brown dark gray, compact, well-banded pumices, 130'										
240	V V V												
243.60	V V V	Fine tuff	Dark gray, compact, hard, homogeneous, little banding structure		silicification	X-33							
250	V V V												
	V V V					X-34							
259.10	V V V	Lapilli tuff	Gray-brownish gray, compact, hard, elongated and white spots bearing, lapilli: subround essential	Po-concentration		rP-10							
260	V V V												
262.10	V V V					X-35							
270	V V V												
280	V V V					X-36							
290	V V V					X-37							

AREA JALISCO Drill No. MJM - 5 (301.60^M) 0m ~ 200 m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.	
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration		
10		Gravel	Dark brown-black gravel: dacite predominant				110						X-41	
12.50		Dolerite	Bluish green-dark green, rather loose, medium grain dark green spots and limonite (Py) veinlets bearing, fractured.	Py veinlets			117.10							
20							120		Pumice tuff	Light gray green, compact, hard (silicified) pumice structure: clear	Py impregnation	silicification		X-42
							120.60		Dolerite	Gray-dark green, compact, massive rather fine				
							129.30							
30		Shale	Black, compact, hard intercalation of fine acidic tuff, 445°	Py impregnation	Cal veinlets	X-38	130		Shale	Black, loose carbonaceous fractured	Py impregnation	Cal networks		P-11 P-12
32.20							133.30		Dolerite	Olive, compact, massive homogeneous				
40							134.70		Lapilli tuff	Gray, compact hard lapilli structure: obscure				
41.50							140							X-43
47.80							150							X-44
50							160							X-45
60							165.40		Dolerite	Olive dark green, massive, compact, partly brecciated		Cal veinlets		
70							170							X-46
80							172.80		Lapilli tuff	Green-light gray, compact Lapilli structure: obscure (essential?) partly pyrite impregnation	Py impregnation			X-46 P-14 X-47
80							180							
80							184.50		Dolerite	Green-olive compact, massive homogeneous				
80							187.90		Lapilli tuff	Green-light gray compact lapilli structure: obscure (essential)				X-48
90							190							
90							192.50		Shale	Black, compact, hard				
90							193.00		Dolerite	Light green				
90							193.50		Lapilli tuff	Light gray, compact, rather hard, lapilli: essential				X-49
90							198.70		Dolerite					

AREA JALISCO Drill No. MJM-5 (301.60^M) 200 m ~ 301.60m

Depth (m)	Column	Geology				Sample No.	Depth (m)	Column	Geology				Sample No.
		Rock Name	Description	Mineralization	Alteration				Rock Name	Description	Mineralization	Alteration	
210	V V V	Dolerite	Dark green, compact, massive, homogeneous				301.60						
220	V V V						310						
230	V V V						320						
233.00	V V V	Oolite	Dark green, compact, hard well-brecciated (partly basalt breccia included?) Autobrecciated lava			X-50	330						
240	V V V						340						
242.70	V V V	Dolerite	Olive dark green, compact rather fine grain										
248.50	V V V	Fine tuff	Olive, compact, hard (silicified) homogeneous moderately fractured		silicification	X-51	350						
253.50	V V V	Lapilli tuff	Olive dark green, compact, hard lapilli essential (?)										
256.40	V V V	Fine tuff											
258.70	V V V	Dolerite	Olive dark green, compact, homogeneous				360						
263.40	V V V	Fine tuff	Olive-pale green, hard (silicified)		silicification	X-52							
268.50	V V V	Dolerite	Dark green, compact massive homogeneous				370						
270	V V V						380						
280	V V V												
284.50	V V V	Fine tuff	Dark green-light gray, compact, hard (silicification) weakly fractured		silicification	X-53	390						
290	V V V												

付録13 ボーリング・コアの鉱石研磨片の顕微鏡観察結果一覧表(14個)

No.	Sample No.	Drill No.	Depth (m)	Ore Minerals						Gangue Minerals			Remarks	
				Sp	Cp	Py	Te	Po	Hem	Qz	Ca			
1	P-1	MJM-1	72.9			○		●						Py-Po veinlet in fine tuff
2	P-2	MJM-1	210.8			●		○		●				Po-Py impregnation in fine tuff
3	P-3	MJM-1	220.0		●			○		●				Po-Cp impregnation in fine tuff
4	P-4	MJM-2	248.8			●				●				Py impregnation in fine tuff
5	P-5	MJM-2	252.3			●				●				Py impregnation in fine tuff
6	P-6	MJM-3	91.0	●	●	○					●	●		Py impregnation in lapilli tuff
7	P-7	MJM-3	93.0	●	●	○					●	●		Py impregnation in tuff breccia
8	P-8	MJM-4	75.0	●		●		○				●		Po-Py impregnation in shale
9	P-9	MJM-4	97.0	●		○		◎				●		Po-Py impregnation in lapilli tuff
10	P-10	MJM-4	261.0			●		◎			●			Po-Py impregnation in lapilli tuff
11	P-11	MJM-5	33.7	●	●	◎					○	○		Py-Cp impregnation in shale
12	P-12	MJM-5	130.0	●	●	○					●	○		Py-Cp impregnation in shale
13	P-13	MJM-5	131.0			○		○			●	●		Py-Te veinlet in shale
14	P-14	MJM-5	179.9	●		○					●	●		Py-Sp impregnation in lapilli tuff

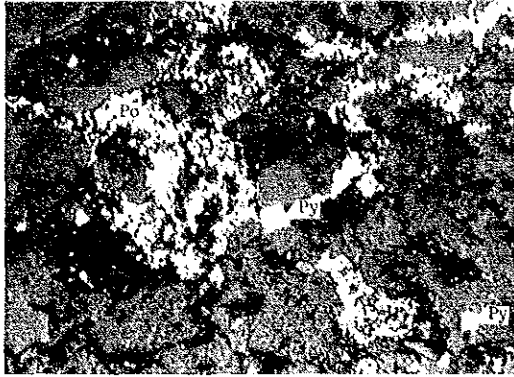
Abbreviation

Sp: Sphalerite Cp: Chalcopyrite Py: Pyrite Te: Tetrahedrite Po: Pyrrhotite Hem: Hematite
 Qz: Quartz Ca: Calcite
 ◎: Abundant ○: Common ●: Minor ●: Rare

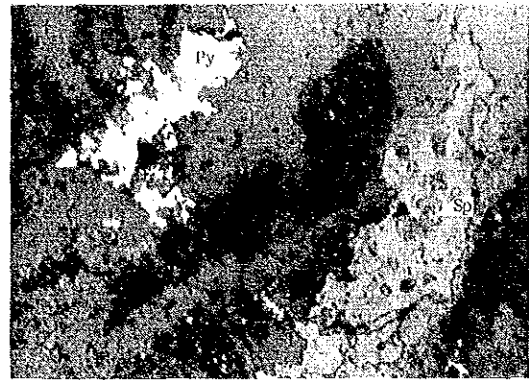
付録 14 ボーリング・コアの鉱石研磨片の顕微鏡写真

Abbreviation

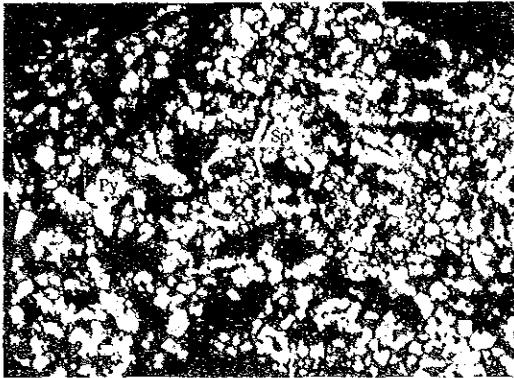
Py : Pyrite
Po : Pyrrhotite
Te : Tetrahedrite
Sp : Sphalerite
Qz : Quartz
Ca : Calcite



Sample No. : P-9 Open nicol
 Drill No. : MJM-4 0.5 mm
 Depth : 97.0 m
 Remarks : Pyrrhotite disseminated rock



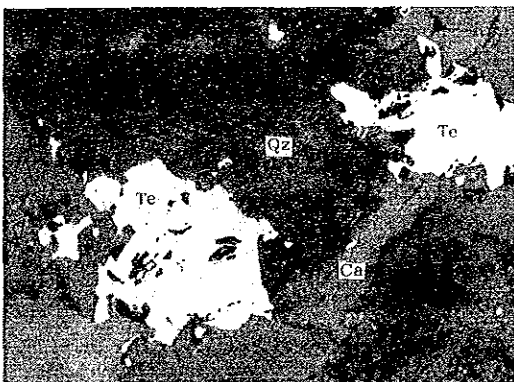
Sample No. : P-11 Open nicol
 Drill No. : MJM-5 0.05 mm
 Depth : 33.7 m
 Remarks : Pyrite seam bearing shale



Sample No. : P-11 Open nicol
 Drill No. : MJM-5 0.1 mm
 Depth : 33.7 m
 Remarks : Pyrite seam bearing shale



Sample No. : P-12 Open nicol
 Drill No. : MJM-5 0.2 mm
 Depth : 130.0 m
 Remarks : Framboidal pyrite seam bearing shale



Sample No. : P-13 Open nicol
 Drill No. : MJM-5 0.1 mm
 Depth : 131.0 m
 Remarks : Tetrahedrite-calcite-quartz vein bearing shale



Sample No. : P-13 Crossed nicols
 Drill No. : MJM-5 0.1 mm
 Depth : 131.0 m
 Remarks : Tetrahedrite-calcite-quartz vein bearing shale

付録 15 ボーリング・コアの鉱石試料の分析値一覧表 (54 個)

(1)

No.	Drill No.	Depth (m)	Sample No.	Coordinates		Analytical Results					Remarks
				-X	Y	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	
1	MJM-1	208.0 - 209.0	A-1	9,360	21,410	0	3	0.01	0.05	0.15	Py-Po impregnation in shale
2	"	209.0 - 210.0	A-2	"	"	0	2	0.01	0.07	0.15	"
3	"	210.0 - 211.0	A-3	"	"	0	4	0.01	0.07	0.12	Py-Po impregnation in shale and fine tuff
4	"	211.0 - 212.0	A-4	"	"	0	Tr	0.01	0.06	0.12	Py-Po impregnation in fine tuff
5	"	219.5 - 220.5	A-5	"	"	0	3	0.01	0.07	0.10	"
6	"	222.5 - 223.5	A-6	"	"	0	6	0.01	0.06	0.10	"
7	"	223.5 - 224.5	A-7	"	"	0	5	0.01	0.07	0.10	"
8	MJM-2	247.6 - 248.6	A-8	8,250	20,720	0	Tr	0.02	0.08	0.12	Py impregnation in fine tuff
9	"	248.6 - 249.6	A-9	"	"	0	2	0.02	0.08	0.12	"
10	"	249.6 - 250.6	A-10	"	"	0	Tr	0.01	0.07	0.10	"
11	"	250.6 - 251.6	A-11	"	"	0	5	0.01	0.10	0.10	"
12	"	251.6 - 252.6	A-12	"	"	0	Tr	0.01	0.08	0.10	"
13	"	252.6 - 253.2	A-13	"	"	0	Tr	0.02	0.08	0.12	"
14	MJM-3	91.4 - 92.4	A-14	7,840	19,190	0	22	0.01	0.10	0.15	Py-(Sph) veinlet in shale
15	"	92.4 - 93.4	A-15	"	"	0	Tr	0.01	0.08	0.75	Py-(Sph) veinlet in shale and tuff breccia
16	MJM-4	70.6 - 71.6	A-16	8,440	19,320	0	14	0.01	0.07	0.15	Po-(Py)-(Sph) impregnation in shale
17	"	71.6 - 72.6	A-17	"	"	0	15	0.01	0.08	0.10	"
18	"	72.6 - 73.6	A-18	"	"	0	12	0.01	0.09	0.10	"
19	"	73.6 - 74.6	A-19	"	"	0	8	0.01	0.08	0.10	"
20	"	74.6 - 75.6	A-20	"	"	0	12	0.01	0.08	0.12	"
21	"	75.6 - 76.6	A-21	"	"	0	5	0.01	0.08	0.15	"
22	"	76.6 - 77.6	A-22	"	"	0	7	0.01	0.07	0.15	"
23	"	77.6 - 78.6	A-23	"	"	0	10	0.01	0.07	0.15	"
24	"	78.6 - 79.6	A-24	"	"	0	12	0.01	0.07	0.15	"
25	"	79.6 - 80.6	A-25	"	"	0	10	0.01	0.07	0.12	"
26	"	80.6 - 81.6	A-26	"	"	0	12	0.01	0.07	0.12	"
27	"	81.6 - 82.6	A-27	"	"	0	2	0.01	0.08	0.12	"
28	"	82.6 - 83.6	A-28	"	"	0	5	0.01	0.08	0.10	"
29	"	83.6 - 84.6	A-29	"	"	0	5	0.01	0.07	0.12	"
30	"	84.6 - 85.6	A-30	"	"	0	Tr	0.01	0.08	0.10	"

No.	Drill No.	Depth (m)	Sample No.	Coordinates		Analytical Results					Remarks
				-X	Y	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	
31	MJM-4	85.6 - 86.6	A-31	8,440	19,320	0	Tr	0.01	0.07	0.10	Po-(Py)-(Sph) impregnation in shale
32	"	86.6 - 87.6	A-32	"	"	0	9	0.01	0.07	0.10	"
33	"	87.6 - 88.6	A-33	"	"	0	Tr	0.02	0.08	0.10	"
34	"	91.6 - 92.6	A-34	"	"	0	41	0.02	0.10	0.15	"
35	"	92.6 - 93.6	A-35	"	"	0	7	0.10	0.10	0.15	"
36	"	93.6 - 94.6	A-36	"	"	0	17	0.02	0.10	0.15	Po-(Py)-(Sph) impregnation in shale and lapilli tuff
37	"	94.6 - 95.6	A-37	"	"	0	7	0.05	0.08	0.10	Po-(Py)-(Sph) impregnation in lapilli tuff
38	"	95.6 - 96.6	A-38	"	"	0	8	0.15	0.07	0.12	"
39	"	96.6 - 97.6	A-39	"	"	0	32	0.03	0.10	0.15	"
40	"	97.6 - 98.6	A-40	"	"	0	Tr	0.03	0.08	0.10	Po-(Py)-(Sph) impregnation in shale and fine tuff
41	"	98.6 - 99.6	A-41	"	"	0	Tr	0.03	0.07	0.10	Po-(Py)-(Sph) impregnation in shale
42	"	99.6 - 100.6	A-42	"	"	0	57	0.02	0.07	0.15	Po-(Py)-(Sph) impregnation in shale and lapilli tuff
43	"	100.6 - 101.6	A-43	"	"	0	14	0.02	0.07	0.15	Po-(Py)-(Sph) impregnation in lapilli tuff
44	MJM-5	32.3 - 33.3	A-44	8,540	21,050	0	34	0.17	0.07	0.25	Py-Sph-Cp veinlets in shale
45	"	33.3 - 34.3	A-45	"	"	0	4	0.22	0.08	0.15	"
46	"	34.3 - 35.3	A-46	"	"	0	3	0.11	0.08	0.15	"
47	"	35.3 - 36.3	A-47	"	"	0	51	0.12	0.07	0.20	"
48	"	36.3 - 37.3	A-48	"	"	0	31	0.18	0.08	0.15	"
49	"	37.3 - 38.3	A-49	"	"	0	5	0.13	0.07	0.15	"
50	"	38.3 - 39.3	A-50	"	"	0	45	0.27	0.08	0.15	"
51	"	39.3 - 40.3	A-51	"	"	0	71	0.02	0.08	0.15	"
52	"	129.8 - 130.8	A-52	"	"	0	103	0.22	0.07	0.30	Py-Sph-Cp impregnation in shale
53	"	130.8 - 131.8	A-53	"	"	0	27	0.10	0.07	0.20	"
54	"	131.8 - 132.8	A-54	"	"	0	93	0.20	0.08	0.20	"

付録 16 ボーリング・コアの X線回折試験結果一覧表 (53個)

No.	Sample No.	Drill No.	Depth (m)	Rock Name	Silica mineral	Silicate minerals					Zeolites		Carbonate mineral		Metal mineral
						Feldspars			Clay minerals		Lmt	Mrd	Ca	Py	
						Qz	Pl	Kf	Se	Ch					S/M
1	X-1	MJM-1	51.4	Dacitic fine tuff	* 2	10			0.5	4	2				
2	X-2	"	72.7	"	9	2	2			1			11		3
3	X-3	"	108.6	"	21	15	7		1	6					
4	X-4	"	160.0	Shale	19	19				4			11		
5	X-5	"	212.0	Dacitic fine tuff	28	24	7			1	1		5		1
6	X-6	"	220.0	"	15	19	5		2	3			12		1
7	X-7	"	225.0	"	33	15	4		1	1	1		9		
8	X-8	"	229.8	"	25				1	3	1		4		1
9	X-9	MJM-2	30.0	Dacite	11	6			4	1	1				
10	X-10	"	58.9	"	24	7			2	4	1	1	0.5	8	
11	X-11	"	80.0	"	41	19	5		1	3					1
12	X-12	"	151.0	"	45	19	5			5		1			
13	X-13	"	165.0	"	37	21	6		1	4		1			
14	X-14	"	195.0	"	9	3	2			11					
15	X-15	"	248.0	Fine pumice tuff	19	5	4		1	9					
16	X-16	"	252.0	"	9	18			1	6					
17	X-17	MJM-3	10.0	Dacitic fine tuff	2	26	6			11					
18	X-18	"	25.0	Dacitic lapilli tuff	19	22			1	7					
19	X-19	"	40.0	Fine pumice tuff	25	19			2	6					
20	X-20	"	68.3	Dacitic tuff breccia	24	17			1	6					0.5
21	X-21	"	80.0	Dacitic lapilli tuff	25	7			2	6					
22	X-22	"	150.1	Dacitic tuff breccia	46	9			2	4					
23	X-23	"	166.4	"	36	7			4	2					
24	X-24	"	185.0	"	44	5			2	4					
25	X-25	"	218.0	Dacitic lapilli tuff	18	20				14				25	
26	X-26	MJM-4	18.4	Shale	5	11	6		1	5				3	0.5
27	X-27	"	55.0	Dacitic fine tuff	11	29				5				3	
28	X-28	"	103.0	Dacitic lapilli tuff	19				1	2				27	1
29	X-29	MJM-4	137.0	Dacitic fine tuff	11	10			1	3				1	0.5
30	X-30	"	165.0	Dacitic lapilli tuff	5				2	4					1
31	X-31	"	195.0	Dacitic tuff breccia	30				4	1					
32	X-32	"	220.0	Dolerite	5	7			1	8				5	
33	X-33	"	245.0	Dacitic fine tuff	44	2	2		1	4		1	1	4	1
34	X-34	"	255.0	"	18	10	8		1	9				2	
35	X-35	"	267.0	Dacitic lapilli tuff	81	21			2	1					
36	X-36	"	280.0	"	32	10	2		3	2					
37	X-37	"	295.8	"	50	14				3				1	0.5
38	X-38	MJM-5	30.4	Dolerite	10	21	2			5					0.5
39	X-39	"	45.0	Dacite	36	17			1	3					1
40	X-40	"	70.0	Basalt	8	5			0.5	4				7	
41	X-41	"	110.0	"	6	11			0.5	5					0.5
42	X-42	"	120.0	Pumice tuff	25				6	2				14	1
43	X-43	"	140.0	Dacitic lapilli tuff	30		6		1	1					
44	X-44	"	150.0	"	29		4		2	1				3	
45	X-45	"	160.0	"	35	21			1	1				10	
46	X-46	"	175.0	"	21		4		1	2				3	1
47	X-47	"	180.0	"	39	14			2	1		1		3	0.5
48	X-48	"	190.0	"	26	7			1	5			1	6	
49	X-49	"	196.0	"	47				1	4				1	
50	X-50	"	234.3	Dacite	29	26				1				7	0.5
51	X-51	"	251.3	Dacitic fine tuff	32	3	2		2	4		0.5		1	0.5
52	X-52	"	265.1	"	25	14				1				4	
53	X-53	"	294.6	"	27		2		1	5			1	10	

Abbreviation

Qz: Quartz, Pl: Plagioclase, Kf: K-feldspar, Se: Sericite, Ch: Chlorite, Ca: Calcite, Py: Pyrite

S/M: Sericite-Montmorillonite mixed-layer, Lmt: Laumontite, Mrd: Mordenite

* 2: Quartz Index (QI)

$$QI = \frac{I_m}{I_q} \times 100,$$

I_m : the strongest X-ray intensity of a mineral,
 I_q : the strongest X-ray intensity of pure quartz.

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