



DIVISION OF EXPLORATION AND MINING
Institute of Minerals, Energy and Construction

EXPLORATION AND MINING REPORT 150C

**BROKEN HILL EXPLORATION
INITIATIVE: PETROPHYSICAL
DATABASE**

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CONFIDENTIAL REPORT

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EXECUTIVE SUMMARY

As part of the Broken Hill Exploration Initiative a petrophysical database has been developed as a first step to improve interpretation of, and add value to, geophysical surveys. While high resolution magnetic surveys provide a most cost-effective exploration tool, with applications to geological mapping at a variety of scales, their interpretation is nevertheless afflicted by ambiguity reducing the effectiveness of the method and leading to increased exploration costs. A much more serious consequence of misinterpreted source geometry is the inadvertent failure to find a potentially economic orebody.

The database described herein incorporates measurements of the following petrophysical properties: bulk magnetic susceptibility, anisotropy of susceptibility, magnetic remanence and density. These petrophysical properties afford constraints on geophysical models and allow differentiation between possible contending geological models. This represents a significant advance in making geophysics more relevant to, and more amenable to, geological mapping.

1.0 INTRODUCTION & METHODOLOGY

The discovery of another significant mineralisation system is critical for the long-term future of mining and associated economic prosperity of the Broken Hill District in NSW and the Port Pirie township of SA. This imperative has led to the Broken Hill Exploration Initiative, a joint effort between AGSO, Mineral Resources of NSW and MESA, that aims to stimulate the exploration industry by providing an appropriate framework of PC accessible databases and information systems.

Airborne geophysics, especially magnetics and radiometrics, provide one of the most cost-effective exploration tools, with applications to geological mapping at a variety of scales, as a delineator of mineralised environments and in many cases as a direct detector of orebodies. However, interpretation of magnetic survey data is afflicted by ambiguity, which reduces the effectiveness of the magnetic method and leads to increased exploration costs. Anomaly sources of no economic interest are often drilled because their signatures resemble those of potential orebodies. When testing magnetic anomalies, incorrectly interpreted source geometries lead to missed targets. This incurs excessive drilling costs and delays exploration programs. A much more serious consequence of misinterpreted source geometry is the inadvertent failure to find a potentially economic orebody.

Another major source of uncertainty in interpretation of magnetics relates to the dearth of knowledge concerning the processes that create, modify and destroy magnetic minerals in mineralising environments. Empirical correlations between mapped geology and magnetics in one area cannot necessarily be extrapolated to other areas of poor exposure, if changes in depositional environment, metamorphic grade or structural setting are ignored. In the

absence of magnetic property measurements, simplistic rules-of-thumb concerning magnetic properties of different rock types can be deceptive.

To optimise geological interpretation and extract as much information as possible from magnetic surveys it was proposed to establish a petrophysical (laboratory attribute) relational database. The concurrent measurement of magnetic properties and densities was recommended, not simply for the sake of expedience and relevance of density to the interpretation of gravity surveys, but also because of the added information density conveys concerning alteration and metamorphism, and the bearing these have on magnetic properties. The value of performing all these measurements on the same set of samples is perspicuous.

The database comprises data from 819 samples collected from judiciously selected drill core and carefully located outcrop. Following sample preparation, laboratory measurements of susceptibility (k), natural remanent magnetisation (NRM), anisotropy of magnetic susceptibility (AMS) and density were conducted, and the data down-loaded to a Paradox[®] relational database. In addition, data from about 200 samples in CSIRO's Broken Hill collection have also been loaded into the database. Through comparing the magnetic responses and the measured properties of different units, geologists will be able to discern prospective terrane and define drill targets. With appropriate software, the database will enable geologists to test stratigraphic and structural interpretations of magnetic surveys by generating images using measured properties in a 3D modelling environment and developing maps of residuals. Signatures of geological significance will be apparent as anomalous residuals. A major goal is to improve productivity to enable interpretations to be completed within the rigid time constraints of exploration programs.

Equipment Susceptibility was measured using the CSIRO in-house transformer bridge producing a field of ~ 7 Oe at 211 Hz to minimise conductivity effects (Ridley & Brown, 1980), with a sensitivity of $< 1 \mu\text{G}/\text{Oe}$. Remanence was measured using a CTF three-axis cryogenic magnetometer with a sensitivity of 1 nG. Anisotropy of magnetic susceptibility was measured using a modified DIGICO[®] Anisotropy Delineator calibrated by intercomparison with the transformer bridge. Density was measured using the immersion method with temperature controlled distilled water and a balance with a sensitivity of 10 μg .

Units In general, rock magnetism workers prefer CGS units. In the database, susceptibility is reported in both CGS units ($\mu\text{G}/\text{Oe}$) and SI units (10^{-5} SI). While some may legitimately argue that 10^{-5} is an incorrect SI factor, it has become a *de facto* standard in the exploration industry, ironically because it is numerically similar to $\mu\text{G}/\text{Oe}$, which the industry abhors. Natural remanent magnetisations (NRM) are given in μG ($\equiv 10^{-3} \text{ Am}^{-1}$). Anisotropy is derived from $k_{\text{max}}/k_{\text{min}}$, where max and min refer to maximum and minimum axes of the susceptibility ellipsoid respectively. The Koenigsberger Ratio (Q) is a measure of the relative importance of remanent magnetisation compared to induced magnetisation and as such is fundamental to the interpretation of magnetic surveys in terms of the magnetic properties of rocks. The ratio Q is calculated by dividing the NRM intensity by the induced magnetisation intensity. The induced magnetisation is given by multiplying the susceptibility by the magnetising field (in this case the magnetising

field is the geomagnetic field at Broken Hill, ~ 0.582 Oe). The calculation of Q is a good example of how much more convenient CGS units are compared with the medley of units that has been adopted by industry. The exploration industry's simultaneous enthusiasm for SI units and desire for numerical similarity to the old units, has led to the use of magnetic induction (**B**) for the magnetic field (**H**). For example, a magnetic induction of 50,000 nT is equivalent to a magnetic field (*in vacuo*) of 39.8 Am^{-1} (or 0.5 Oe in cgs units). In cgs units the Q of 1.15 for sample AGSIRO2 is simply derived from $4485 \mu\text{G} / (6700 \mu\text{G} / \text{Oe} \times 0.582 \text{ Oe})$, which is dimensionless. In SI units this calculation must be performed after first converting magnetic flux (measured in Tesla) to units of magnetic field (measured in Am^{-1}) and expressing NRM and susceptibility in SI units. As an example, again using the results for sample AGSIRO2, the NRM intensity becomes 4.485 Am^{-1} (since $1 \mu\text{G} = 1 \text{ mAm}^{-1} = 0.001 \text{ Am}^{-1}$), susceptibility becomes $4\pi \times 6700 \times 10^{-6}$ (dimensionless) = 0.08421 SI (since $k_{\text{SI}} = 4\pi \times k_{\text{CGS}}$), and the field is given by the induction in nanoTesla (nT) divided by μ_0 , or $58,200 / (4\pi \times 10^{-7}) \text{ nanoAm}^{-1} = 46.3 \text{ Am}^{-1}$. Thus $Q_{\text{SI}} = 4.485 / (0.0842 \times 46.3) = 1.15 = Q_{\text{CGS}}$. The convention of expressing magnetic survey measurements in units of induction clearly complicates calculations of Q in SI units. This is one reason why rock magnetic properties are still expressed in CGS units.

2.0 DATABASE STRUCTURE

The database fields are :

SAMPLE - an AGSIRO number has been assigned the 819 samples from the present study. Other sample numbers are the field numbers assigned in the various other studies.

SAMPLE TYPE- this field simply identifies whether the sample is a DDH core sample or an outcrop sample. In the case of the former the DDH identifier is given.

DEPTH- again for DDH samples the depth is given. Old DDHs depths are given in feet. No attempt was made to convert to metric measurement to avoid possible error.

ROCK UNIT- the terminology used here corresponds to that of the NSW Geological Survey.

SUITE - the Mine Suite number assigned to the particular stratigraphic unit, according to the standard system developed by the NSW Geological Survey and mining companies at Broken Hill.

LITHOLOGY- likewise, the terminology adopted here is that of the NSW Geological Survey.

ALTERATION- this refers to weathering or other obvious alteration

SUSCEPTIBILITY ($\mu\text{G}/\text{Oe}$)- as described in the previous section, CGS susceptibility is common amongst rock magnetism workers.

SUSCEPTIBILITY ($1\text{E}-5$ SI)- this "SI" unit is the *de facto* standard in the exploration industry and is the format used in AGSO field notebooks and databases. Conversion of cgs to SI is $k_{\text{SI}} = 4\pi \times k_{\text{CGS}}$. Thus $1 \mu\text{G}/\text{Oe} = 10^{-6} \text{ CGS} = 1.257 \times 10^{-5} \text{ SI}$.

NRM INTENSITY (μG)- the conversion of this cgs unit to SI is $\mu\text{G} \equiv 10^{-3} \text{ Am}^{-1}$.

NRM DECLINATION ($^\circ$)- the angle that the remanence vector makes with respect to north when the vector is projected onto the horizontal, measured clockwise.

NRM INCLINATION ($^\circ$)- the angle that the remanence vector makes with respect to the horizontal, measured positive downwards and negative upwards.

KOENIGSBERGER RATIO- the ratio Q is calculated by dividing the NRM intensity by the induced magnetisation intensity, which is given by multiplying the susceptibility by the magnetising field. The magnetising field is the geomagnetic field at Broken Hill, 46.3 Am^{-1} or 0.582 Oe . See previous section.

CONTAMINATED NRM?- affected by lightning, weathering or drilling-induced magnetisation (Y or N).

ANISOTROPY- anisotropy is derived from the ratio $k_{\text{max}}/k_{\text{int}}$, where max and int refer to magnitudes of the maximum and minimum principal susceptibility axes respectively.

DENSITY (G/CC)- the SI conversion is $1 \text{ tonne}/\text{m}^3 \equiv 1 \text{ g/cc}$.

AMG EASTING (M)- Australian Map Grid Eastings in metres.

AMG NORTHING (M)- Australian Map Grid Northings in metres.

RL (M)- height above (mean) sea level in metres.

3.0 DISCUSSION & CONCLUSIONS

The accompanying database will be a valuable aid to both qualitative and quantitative interpretation of the Broken Hill high resolution aeromagnetic survey. The anomalies detected in magnetic surveying arise from subsurface inhomogeneities of total magnetisation. This magnetisation is the vector sum of the induced and remanent components. The Koenigsberger ratio, or Q value, is equal to the remanent magnetisation intensity divided by the induced magnetisation intensity and provides a convenient measure of the relative importance of remanent and induced magnetisations. Except for the case of high anisotropy or strong self-demagnetisation, the induced magnetisation is parallel to the ambient field. Its direction is therefore known. On the other hand, remanent magnetisation can be of normal or reversed polarity and its axis may be oblique to the ambient field. The induced magnetisation, arising in response to the ambient magnetic field, is proportional to the field strength.

The ability to acquire, process and present magnetic survey data far outstrips the capacity to interpret the surveys. There is often far more geological information in these very large data sets than can be presently extracted in the time available for interpretation. Better understanding of the relationships between magnetic signatures and geology can facilitate the interpretation process and produce more reliable geological models. Unlike other airborne geophysical mapping tools, which detect properties of surficial layers, e.g. radiometrics and remote sensing, or have limited depth penetration, e.g. EM, magnetics has the (in principle) ability to see to great depths, at least in an exploration context. This aspect of magnetic survey data is not yet fully exploited, because of the lack of adequate 3D modelling tools and automated interpretation techniques for large data sets. With the increased affordability of computing power the opportunity exists to develop software aimed at extracting true three-dimensional pictures of the earth from magnetics. By combining these models with other geodata sets, fully integrated interpretations of multiple data sets will be achievable.

Interrogation of the database will provide guidelines for qualitative interpretation by classifying magnetic properties according to lithology, stratigraphic unit and geographic location. This enables empirical relationships between various geological factors (such as protolith composition, redox state inherited from the depositional environment and metamorphic grade) and magnetic signatures to be inferred and will aid geological interpretation of observed magnetic signatures. Modelling of magnetic and gravity anomalies will be constrained by the measured physical properties.

A deeper understanding of the relationship between magnetics and geology in the Broken Hill area should arise from follow-up studies of magnetic petrology on this collection of samples.

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DATABASE REPORT

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO1	2560	143'	Bs	ag2		52.60	66.12	0.09		-44.67	0.00		1.11	2.94			
AGSIRO2	2560	167'	Bs	a		6,700.00	8,421.90	4,484.50		2.64	1.15		1.30	3.32			
AGSIRO3	2560	181'	Bs	a		132.00	165.92	2.05		-84.48	0.03		1.04	3.10			
AGSIRO4	2560	203'	Bs	a		22,798.90	28,282.50	5,265.60		-75.08	0.40		1.28	3.28			
AGSIRO5	2560	217'	Bs	a		6,540.00	8,220.78	669.12		-60.83	0.18		1.36	3.20			
AGSIRO6	2560	233'	Bs	a		137.00	172.21	1.82		-22.03	0.02		1.04	3.18			
AGSIRO7	2560	254'	Bs	a		356.00	447.49	22.98		6.92	0.11		1.13	3.23			
AGSIRO8	2560	268'	Bs	BG		4,680.00	5,882.76	1,456.90		-42.42	0.54		1.81	3.26			
AGSIRO9	2560	293'	Bs	BG		33.80	42.49	0.15		-45.88	0.01		1.05	2.83			
AGSIRO10	2560	316'	Bs	a		20.30	25.52	0.11		-25.45	0.01		1.07	2.76			
AGSIRO11	2560	336'	Bs	a		2,270.00	23,615.80	468.77		2.13	0.36		1.45	3.19			
AGSIRO12	2560	352'	Bs	a		23,615.81	29,665.20	3,992.00		-80.82	0.29		1.45	3.06			
AGSIRO13	2560	365'	Bs	a		15,810.99	19,860.60	3,652.00		-66.29	0.40		1.42	2.96			
AGSIRO14	2560	376'	Bs	a		2,560.00	3,217.92	180.52		-62.48	0.12		1.28	3.26			
AGSIRO15	2560	398'	Bs	a		73.90	92.89	0.31		-37.67	0.01		1.44	2.87			
AGSIRO16	2560	418'	Bs	a		16,527.00	20,740.50	3,877.40		-85.51	0.41		1.44	3.27			
AGSIRO17	2560	434'	Bs	a		12,550.00	15,775.35	3,240.60		-62.38	0.45		1.45	3.37			
AGSIRO18	2560	454'	Bs	a		156.00	196.09	0.22		-40.91	0.00		1.55	3.35			
AGSIRO19	2560	476'	Bs	BG		2.24	2.82	0.08		-43.15	0.07		1.41	2.65			
AGSIRO20	2560	496'	Bs	a		158.00	198.61	0.63		-34.81	0.01		1.03	3.50			
AGSIRO21	2560	510'	Bs	a		14,000.00	17,598.00	3,256.70		-83.53	0.40		1.50	3.26			
AGSIRO22	2560	546'	Bs	p		1.54	1.94	0.83		-39.03	0.93		1.84	2.62			
AGSIRO23	2560	542'	Bs	a		141.70	178.12	0.19		-37.50	0.00		1.04	3.26			
AGSIRO24	2560	578'	Bs	a		1,870.00	2,350.59	130.28		-44.78	0.12		1.45	3.28			
AGSIRO25	2560	600'	Bs	BG		58.80	73.91	0.26		-26.90	0.01		1.03	2.93			
AGSIRO26	2560	614'	Bs	BG		24.60	30.92	0.30		-44.58	0.02		1.04	2.77			
AGSIRO27	2560	636'	Bs	BG		27.10	34.06	0.45		-27.89	0.03		1.09	2.83			
AGSIRO28	2560	691'	Bs	BG		21.10	26.52	0.63		-49.85	0.05		1.08	2.79			
AGSIRO29	2560	714'	Tr	BG		41.60	52.29	0.44		6.88	0.02		1.08	2.88			
AGSIRO30	2560	743'	Tr	BG		18.40	23.13	0.49		-35.04	0.05		1.11	2.70			
AGSIRO31	2560	770'	Tr	BG		13.40	16.84	0.38		-62.73	0.05		1.10	2.72			
AGSIRO32	2560	792'	Tr	BG		25.10	31.55	9.45		80.40	0.65		1.10	2.74			
AGSIRO33	2560	818'	Tr	BG		24.20	30.42	2.04		-28.48	0.15		1.17	2.70			
AGSIRO34	2560	845'	Tr	BG		21.20	26.65	0.45		-50.78	0.04		1.10	2.73			
AGSIRO35	2560	873'	Tr	BG		31.30	38.59	0.26		-69.01	0.01		1.14	2.77			
AGSIRO36	2560	898'	Tr	BG		41.40	52.04	5.80		-30.23	0.24		1.22	2.77			
AGSIRO37	2560	926'	Tr	BG		33.30	41.86	0.19		9.86	0.01		1.14	2.72			
AGSIRO38	2560	951'	Tr	BG		25.40	31.93	31.35		-78.07	2.13		1.23	2.72			
AGSIRO39	2560	976'	Tr	BG		16.50	20.74	0.35		0.38	0.04		1.11	2.74			
AGSIRO40	2560	1002'	Tr	BG		24.90	31.30	0.67		-52.62	0.05		1.12	2.73			
AGSIRO41	2560	1029'	Tr	BG		27.90	35.07	1.68		-27.65	0.10		1.24	2.76			

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SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO42	2560	1054'	Tr	BG		27.80	34.94	1.18		15.40	0.07		1.21	2.75			
AGSIRO43	2560	1074'	Tr	BG		12.20	15.34	0.35		-52.05	0.05		1.13	2.70			
AGSIRO44	2560	1101'	Tr	BG		14.30	17.98	0.31		-4.87	0.04		1.19	2.69			
AGSIRO45	2560	1127'	Tr	BG		57.50	72.28	2.26		-87.33	0.07		1.11	2.94			
AGSIRO46	2560	1156'	Tc	a-Bm		67.10	84.34	0.73		-57.82	0.02		1.10	3.03			
AGSIRO47	2560	1174'	Tc	rBG		37.80	47.51	0.25		-17.73	0.01		1.11	2.84			
AGSIRO48	2560	1191'	Tc	rBG		103.00	129.47	109.61		-76.94	1.83		1.12	2.84			
AGSIRO49	2560	1222'	Tc	rBG		50.10	62.98	165.93		-79.56	5.71		1.15	2.80			
AGSIRO50	2560	1247'	Tc	rBG		33.30	41.86	0.60		1.94	0.03		1.12	2.82			
AGSIRO51	2560	1269'	Tc	rBG		10.90	13.70	1.56		-40.43	0.25		1.11	2.72			
AGSIRO52	2560	1300'	Tc	rBm		23.60	29.67	1.40		-45.28	0.10		1.13	2.78			
AGSIRO53	2560	1323'	Tc	rBG		4.39	5.52	0.37		-32.34	0.15		1.22	2.68			
AGSIRO54	2560	1352'	Tc	rBG		17.80	22.37	19.30		-78.96	1.87		1.07	2.79			
AGSIRO55	2560	1383'	Tc	rBG		31.00	38.97	12.44		-26.01	0.69		1.02	2.71			
AGSIRO56	2560	1409'	Tc	rBG		181.00	227.52	983.63		-74.35	9.37		1.33	2.67			
AGSIRO57	2560	1429'	Tc	rBG		17.60	22.12	13.95		-73.17	1.37		1.12	2.72			
AGSIRO58	2560	1454'	Tc	rBG		68.50	86.10	43.95		-40.83	1.11		1.12	2.96			
AGSIRO59	2560	1484'	Tc	rp		5.98	7.52	0.29		-74.92	0.08		1.10	2.66			
AGSIRO60	2560	1505'	Tc	rBG		20.00	25.14	1.82		-26.45	0.16		1.03	2.76			
AGSIRO61	2560	1530'	Tc	rBG		110.00	138.27	181.90		-83.49	2.85		1.19	2.79			
AGSIRO62	2560	1560'	Tc	rBG		18.60	23.38	0.41		-2.93	0.04		1.08	2.74			
AGSIRO63	2560	1585'	Tc	(f)BG		21.50	27.03	2.73		-53.20	0.22		1.09	2.76			
AGSIRO64	2560	1608'	Tc	(f)BG		0.45	-0.21	1.73		-60.43	-17.1		1.12	2.68			
AGSIRO65	2560	1634'	Tc	(f)BG		28.70	36.08	6.94		-84.02	0.42		1.06	2.84			
AGSIRO66	2560	1660'	Tc	BG		24.60	30.92	4.30		-62.68	0.30		1.12	2.77			
AGSIRO67	2560	1695'	Tc	BG		117.00	147.07	176.37		-65.24	2.60		1.03	3.12			
AGSIRO68	2560	1714'	Tc	BG		12.80	16.09	1.24		-17.78	0.17		1.10	2.72			
AGSIRO69	2560	1742'	Tc	BG		15.70	19.73	1.12		-27.46	0.12		1.10	2.73			
AGSIRO70	2560	1769'	Tc	dol		23.20	29.16	3.48		-15.61	0.26		1.10	2.71			
AGSIRO71	2560	1792'	Tc	BG		124.00	155.87	27.86		-30.42	0.39		1.29	2.69			
AGSIRO72	2560	1825'	Tc	BG		19.80	24.89	5.48		-30.84	0.48		1.10	2.75			
AGSIRO73	2560	1850'	Tc	p		90,028.00	112,627.20	38,282.00		-30.29	0.74		1.29	3.26			
AGSIRO74	2560	1908'	Tc	BG		24.90	31.30	1.48		-9.70	0.10		1.13	2.76			
AGSIRO75	2560	1932'	Tc	BG		18.60	23.38	0.55		-69.51	0.05		1.05	2.73			
AGSIRO76	2560	1960'	Tc	BG		7.50	9.43	0.42		-51.99	0.10		1.08	2.70			
AGSIRO77	2560	2002'	Tc	BG		25.90	32.56	1.45		-62.41	0.10		1.14	2.79			
AGSIRO78	2560	2046'	Tc	BG		24.10	30.29	0.32		-68.29	0.02		1.10	2.80			
AGSIRO79	2560	2078'	Tc	BG		9.97	12.53	0.35		-53.99	0.06		1.10	2.70			
AGSIRO80	2560	2110'	Tc	BG	Wsee	26.20	32.93	1.88		-28.46	0.12		1.25	2.65			
AGSIRO81	2560	2145'	Tc	BG		2.16	2.72	0.23		-53.85	0.19		1.11	2.67			
AGSIRO82	2560	2184'	Tc	BG		34.10	42.86	43.02		-63.61	2.18		1.11	2.83			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO83	2560	2229'	Tc	BG		12.40	15.59	0.32		-85.91	0.04		1.06	2.71			
AGSIRO84	2560	2261'	Tc	BG		3.96	4.98	0.26		-44.67	0.11		1.11	2.65			
AGSIRO85	2560	2291'	Tc	BG		7.65	9.62	0.14		-54.00	0.03		1.11	2.68			
AGSIRO86	2560	2331'	Tc	BG		3.87	4.86	0.03		-24.30	0.01		1.22	2.67			
AGSIRO87	2560	2368'	Tc	BG		1.89	2.38	0.07		-4.51	0.07		1.15	2.66			
AGSIRO88	2560	2407'	Tc	BG		22.80	28.66	3.04		-77.08	0.23		1.03	2.76			
AGSIRO89	2560	2442'	Tc	rp?		9.00	11.31	15.35		-82.70	2.94		1.13	2.68			
AGSIRO90	2560	2479'	Tc	rp		7.75	9.74	0.85		-54.48	0.19		1.09	2.68			
AGSIRO91	2560	2517'	Tc	gq		15.80	19.86	0.19		-61.20	0.02		1.09	2.74			
AGSIRO92	2560	2552'	Tc	gq		32.70	41.10	1.28		-74.17	0.07		1.04	2.85			
AGSIRO93	2560	2603'	Tc	gq		-1.09	-1.37	0.20		-8.28	-0.3		1.04	2.64			
AGSIRO94	2560	2639'	Tc	gq		17.00	21.37	0.23		19.12	0.02		1.06	2.75			
AGSIRO95	2560	2683'	Tc	gq		20.10	25.27	0.27		-47.49	0.02		1.05	2.77			
AGSIRO96	2560	2706'	Tc	gq		28.40	35.70	1.55		-29.73	0.09		1.04	2.93			
AGSIRO97	2560	2742'	Tc	ag2		133.00	167.18	1,602.70		-89.39	20.7		1.10	2.79			
AGSIRO98	2560	2780'	Tc	gq		7.92	9.96	0.23		-32.98	0.05		1.03	2.70			
AGSIRO99	2560	2822'	Tc	gq		24.50	30.80	7.34		-66.86	0.52		1.07	2.81			
AGSIRO10	2560	2840'	Tc	BG1		30.00	37.71	250.08		-85.10	14.3		1.07	2.71			
AGSIRO10	2560	2859'	Tc	BG		26.80	33.69	0.73		-32.85	0.05		1.01	2.85			
AGSIRO10	2560	2907'	Tc	BG		30.90	38.84	0.21		-69.44	0.01		1.05	2.81			
AGSIRO10	N2840	200'	S	E		24.30	30.54	0.04		-25.93	0.00		1.06	2.80			
AGSIRO10	N2840	224'	S	E		42.02	52.82	0.03		-45.39	0.00		1.09	2.88			
AGSIRO10	N2840	255'	S	E		60.08	75.52	0.22		-48.98	0.01		1.01	3.11			
AGSIRO10	N2840	275'	S	M		25.40	31.93	0.02		65.27	0.00		1.07	2.81			
AGSIRO10	N2840	441'	S	E		17.26	21.70	0.04		-42.09	0.00		1.06	2.76			
AGSIRO10	N2840	480'	S	re		29.45	37.02	0.03		21.83	0.00		1.05	2.87			
AGSIRO10	N2840	654'	S	E-rE		34.22	43.02	0.16		-30.20	0.01		1.07	2.89			
AGSIRO11	N2840	692'	S	rm		21.38	26.87	0.13		34.49	0.01		1.11	2.79			
AGSIRO11	N2840	760'	S	re		14.46	18.17	0.11		16.91	0.01		1.04	2.74			
AGSIRO11	N2840	794'	S	rm		49.80	62.60	0.11		-72.89	0.00		1.04	2.95			
AGSIRO11	N2840	842'	S	rm		34.08	42.84	0.33		-38.08	0.02		1.06	2.92			
AGSIRO11	N2840	861'	S	rm		35.30	44.37	0.05		-16.98	0.00		1.09	2.87			
AGSIRO11	N2840	901'	S	rm		38.85	48.83	0.05		-27.34	0.00		1.05	2.83			
AGSIRO11	N2840	925'	S	p		0.22	0.28	0.20		-16.94	1.53		1.30	2.67			
AGSIRO11	N2840	979'	S	rm		36.84	46.30	0.24		-35.41	0.01		1.14	2.84			
AGSIRO11	N2840	1013'	S	E		111.42	140.05	16.25		-82.01	0.25		1.27	2.88			
AGSIRO11	N2840	1048'	S	E		656.88	825.69	119.77		-67.76	0.31		1.32	2.90			
AGSIRO12	N2840	?1095'	S	E		17.61	22.14	0.14		15.74	0.01		1.08	2.75			
AGSIRO12	N2840	1162'	S	re		8,576.82	10,781.06	3,199.80		-58.54	0.64		2.45	2.89			
AGSIRO12	N2840	1195'	S	re		22.31	28.05	0.71		-32.39	0.05		1.07	2.77			
AGSIRO12	N2840	1249'	S	re		255.80	321.54	18.13		-78.83	0.12		1.48	2.85			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO12	N2840	1253'	S	rE		5,532.61	6,954.49	659.60		-73.54	0.21		1.70	2.92			
AGSIRO12	N2840	1266'	S	p		2.43	3.06	0.25		37.46	0.18		1.22	2.68			
AGSIRO12	N2840	1308'	S	p		1.65	1.43	0.08		-55.69	0.12		1.05	2.67			
AGSIRO12	N2840	1362'	S	p		0.24	0.02	0.03		-78.35	3.14		1.14	2.62			
AGSIRO12	N2840	1374'	S	rm		8.38	10.53	0.89		-87.12	0.18		1.11	2.71			
AGSIRO12	N2840	1416'	S	rm		5,903.11	7,420.21	1,016.70		-79.64	0.30		1.55	2.86			
AGSIRO13	N2840	1456'	S	rm		49.34	62.02	0.75		-72.65	0.03		1.09	2.84			
AGSIRO13	N2840	1488'	S	rm		5,530.90	6,952.34	638.52		-68.09	0.20		1.32	2.86			
AGSIRO13	N2840	1500'	S	rm		1,843.18	2,316.88	104.33		-71.23	0.10		1.40	2.73			
AGSIRO13	N2840	1533'	S	E		3,983.32	5,007.03	975.98		-74.28	0.42		1.50	2.95			
AGSIRO13	N2840	1559'	S	E		30.11	37.84	0.10		-53.89	0.01		1.09	2.85			
AGSIRO13	N2840	1572'	S	dol		64.64	81.25	11.77		-7.99	0.31		1.05	3.02			
AGSIRO13	N2840	1600'	S	rm		1,210.78	1,521.95	883.73		-43.55	1.26		3.25	2.73			
AGSIRO13	N2840	1630'	S	rm		2,885.31	3,626.83	333.38		-47.67	0.20		1.33	2.87			
AGSIRO13	N2840	1664'	S	rE		24.70	31.05	2.47		-9.77	0.17		1.13	2.73			
AGSIRO13	N2840	1680'	S	rE		41.97	52.76	2.58		-62.49	0.11		1.08	2.88			
AGSIRO14	N2840	1716'	S	rE		20.80	26.15	0.28		-74.23	0.02		1.10	2.77			
AGSIRO14	N2840	1741'	S	rE		31.26	39.29	6.81		-23.12	0.38		1.05	2.90			
AGSIRO14	N2840	1769'	S	rE		27.39	34.42	1.16		-7.50	0.07		1.06	2.93			
AGSIRO14	N2840	1793'	S	rE		36.37	45.72	0.31		-17.68	0.01		1.12	2.82			
AGSIRO14	N2840	1821'	S	rE		27.85	35.01	0.16		-3.89	0.01		1.07	2.83			
AGSIRO14	N2840	1847'	S	rE		21.69	27.27	0.14		-71.05	0.01		1.17	2.73			
AGSIRO14	N2840	1872'	S	rE		8.85	11.13	0.08		-50.85	0.02		1.10	2.75			
AGSIRO14	N2840	1896'	S	rp		2.15	2.70	0.13		-35.51	0.11		1.18	2.64			
AGSIRO14	N2840	1932'	S	rm		322.47	405.34	53.59		-79.96	0.29		1.30	2.84			
AGSIRO14	N2840	1941'	S	rm-p		3.71	4.66	37.57		-65.65	17.4		1.50	2.66			
AGSIRO15	N2840	1968'	S	rp		35,742.64	44,928.49	21,136.00		-60.04	1.02		1.44	2.99			
AGSIRO15	N2840	2001'	S	rm		4,137.27	5,200.55	507.27		-72.39	0.21		1.46	2.77			
AGSIRO15	N2840	2028'	S	rm		998.19	1,254.72	523.26		-59.31	0.90		1.90	2.88			
AGSIRO15	N2840	2052'	S	rm		4,628.06	5,817.47	2,118.30		-41.43	0.79		2.30	2.88			
AGSIRO15	N2840	2078'	S	S		119.01	149.59	34.66		-39.64	0.50		1.24	2.73			
AGSIRO15	N2840	2098'	S	S		2,919.06	3,669.26	612.72		-59.12	0.36		1.94	2.75			
AGSIRO15	N2840	2112'	S	S		4,382.61	5,508.94	754.97		-60.57	0.30		1.63	2.73			
AGSIRO15	N2840	2149'	S	rE		1,106.49	1,390.86	199.37		-69.75	0.31		1.40	2.79			
AGSIRO15	N2840	2177'	S	rE		219.29	275.65	29.51		-50.38	0.23		1.33	2.76			
AGSIRO15	N2840	2199'	S	S		860.51	1,081.66	204.96		-43.44	0.41		1.94	2.75			
AGSIRO16	N2840	2228'	S	rE		90.50	113.70	1.07		-31.66	0.02		1.10	2.89			
AGSIRO16	N2840	2258'	S	rE		26.78	33.67	1.61		12.05	0.10		1.07	2.79			
AGSIRO16	N2840	2278'	S	rE		32.35	40.66	13.43		-60.38	0.72		1.10	2.85			
AGSIRO16	N2840	2310'	S	rE		44.19	55.55	0.81		-66.85	0.03		1.13	2.78			
AGSIRO16	N2840	2330'	S	rE		53.13	66.79	2.23		-30.27	0.07		1.07	2.90			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO16	N2840	2357'	S	rE		13.60	17.09	0.41		-14.91	0.05		1.06	2.74			
AGSIRO16	N2840	2391'	S	rE		53.31	67.00	10.55		-61.13	0.34		1.15	2.79			
AGSIRO16	N2840	2422'	S	S		1,526.25	1,918.49	138.53		-78.20	0.16		1.60	2.72			
AGSIRO16	N2840	2436'	S	S		1,437.23	1,806.59	221.67		-71.94	0.27		1.31	2.71			
AGSIRO16	N2840	2462'	S	S		3,839.76	4,826.57	1,135.90		-70.93	0.51		1.34	2.71			
AGSIRO17	N2840	2489'	S	S		2,007.38	2,523.27	487.14		-64.73	0.42		1.46	2.71			
AGSIRO17	N2840	2518'	S	rE		1,604.04	2,016.28	1,605.70		-71.27	1.73		1.65	2.90			
AGSIRO17	N2840	2545'	S	rM		2,081.36	2,616.27	89.33		-65.07	0.07		1.70	2.75			
AGSIRO17	N2840	2572'	S	rE		311.39	391.41	137.39		-49.07	0.76		1.62	2.97			
AGSIRO17	N2840	2592'	S	rE		298.46	375.16	82.63		-84.47	0.48		1.25	2.98			
AGSIRO17	N2840	2626'	S	E		97.14	122.11	19.82		-77.42	0.35		1.08	3.07			
AGSIRO17	N2840	2652'	S	E		187.35	235.50	94.80		-56.24	0.87		1.54	2.87			
AGSIRO17	N2840	2682'	S	E		35.98	45.22	11.82		-77.02	0.57		1.06	2.76			
AGSIRO17	N2840	2706'	S	E		139.49	175.34	60.58		-71.09	0.75		1.13	2.94			
AGSIRO17	N2840	2728'	S	E		26.03	32.72	0.32		-56.87	0.02		1.07	2.80			
AGSIRO18	N2840	2752'	S	E		30.70	38.59	2.14		-30.00	0.12		1.06	2.78			
AGSIRO18	N2840	2782'	S	E		15.99	20.10	0.98		-82.20	0.11		1.05	2.75			
AGSIRO18	N2840	2806'	S	E		19.05	23.95	0.31		-50.32	0.03		1.05	2.75			
AGSIRO18	N2840	2832'	S	E-ep		20.25	25.45	0.96		-25.87	0.08		1.03	2.78			
AGSIRO18	N2840	2852'	S	E		21.65	27.21	2.23		-6.81	0.18		1.07	2.75			
AGSIRO18	N2840	2881'	S	E-ep		2,205.09	2,771.80	4,127.00		-50.69	3.23		1.96	2.93			
AGSIRO18	N2840	2908'	S	S		338.53	425.53	74.68		-72.43	0.38		1.68	2.70			
AGSIRO18	N2840	2938'	S	E		726.35	913.03	1,179.20		-46.75	2.80		1.73	3.18			
AGSIRO18	N2840	2958'	S	M		3,972.53	4,993.47	3,219.00		-67.51	1.40		1.75	2.77			
AGSIRO18	N2840	2988'	S	E		2,440.18	3,067.31	2,561.30		-39.65	1.81		2.40	2.78			
AGSIRO19	N2840	3008'	S	P		42.81	53.81	15.12		79.41	0.61		1.08	2.81			
AGSIRO19	N2840	3041'	S	rE		1,204.32	1,513.83	3,666.60		-51.74	5.25		1.87	2.89			
AGSIRO19	N2840	3079'	S	rE		34.53	43.40	4.60		-68.36	0.23		1.10	2.96			
AGSIRO19	N2840	3099'	S	rM		27.11	34.08	0.20		-28.82	0.01		1.07	2.81			
AGSIRO19	N2840	3112'	S	rM		44.76	56.26	0.12		-51.93	0.00		1.04	2.91			
AGSIRO19	N2840	3136'	S	E		58.01	72.92	0.38		-42.94	0.01		1.03	3.00			
AGSIRO19	N2840	3154'	S	E		16.53	20.78	0.33		-51.12	0.03		1.15	2.72			
AGSIRO19	N2840	3181'	S	rM		10.15	12.75	3.09		-71.77	0.52		1.09	2.71			
AGSIRO19	N2840	3201'	S	E		45.38	57.04	2.84		-63.66	0.11		1.09	2.92			
AGSIRO19	N2840	3211'	S	E		14.69	18.46	0.69		-41.31	0.08		1.07	2.78			
AGSIRO20	N2840	3229'	S	E		17.51	22.01	0.27		-64.22	0.03		1.06	2.78			
AGSIRO20	N2840	3249'	S	E		18.32	23.03	0.32		-37.24	0.03		1.08	2.75			
AGSIRO20	N2840	3273'	S	E		36.16	45.45	0.22		-24.75	0.01		1.06	2.91			
AGSIRO20	N2840	3289'	S	E		25.81	32.44	2.63		-23.98	0.18		1.11	2.85			
AGSIRO20	N2840	3307'	S	E		96.18	120.90	0.54		-31.69	0.01		1.03	3.30			
AGSIRO20	N2840	3327'	S	E		29.36	36.90	0.44		-40.31	0.03		1.08	2.86			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 S)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO20	N2840	3333'	S	E		17.38	21.84	0.35		-40.76	0.04		1.09	2.80			
AGSIRO20	N2840	3364'	S	S		16.56	20.82	0.40		-68.66	0.04		1.01	2.76			
AGSIRO20	N2840	3383'	S	M		18.84	23.68	0.24		-61.22	0.02		1.02	2.77			
AGSIRO20	N2840	3403'	S	S		18.75	23.57	0.47		-29.33	0.04		1.04	2.77			
AGSIRO21	N2840	3420'	S	E		20.52	25.79	1.53		-25.71	0.13		1.05	2.87			
AGSIRO21	N2840	3440'	S	E		18.46	23.21	0.60		-31.31	0.06		1.08	2.84			
AGSIRO21	N2840	3458'	S	S		81.50	102.45	0.30		-72.67	0.01		1.02	3.13			
AGSIRO21	N2840	3478'	S	p		2.08	2.61	0.23		-51.38	0.19		1.34	2.72			
AGSIRO21	N2840	3496'	S	E		17.89	22.49	0.09		-36.08	0.01		1.13	2.80			
AGSIRO21	N2840	3520'	S	E		28.89	36.31	0.35		-23.97	0.02		1.06	2.91			
AGSIRO21	N2840	3535'	S	E		24.73	31.09	0.12		-22.75	0.01		1.06	2.85			
AGSIRO21	N2840	3555'	S	E		33.25	41.80	0.12		-36.19	0.01		1.05	2.90			
AGSIRO21	N2840	3573'	S	E		22.08	27.75	0.15		-35.23	0.01		1.06	2.82			
AGSIRO21	N2840	3593'	S	E		36.72	46.16	0.38		-41.90	0.02		1.05	2.92			
AGSIRO22	N2840	3614'	S	E		18.16	22.83	0.11		-53.23	0.01		1.07	2.78			
AGSIRO22	N2840	3631'	S	E		27.06	34.01	0.64		-32.96	0.04		1.04	2.97			
AGSIRO22	N2840	3653'	S	E		21.26	26.72	0.16		-51.88	0.01		1.06	2.80			
AGSIRO22	N2840	3670'	S	E		53.57	67.33	0.28		-31.69	0.01		1.09	3.06			
AGSIRO22	N2840	3686'	S	E		24.53	30.84	1.82		-66.16	0.13		1.06	2.88			
AGSIRO22	N2840	3708'	S	E		27.96	35.15	0.27		-50.45	0.02		1.11	2.81			
AGSIRO22	N2840	3732'	S	E		12.77	16.05	0.10		-40.19	0.01		1.07	2.73			
AGSIRO22	N2840	3740'	S	E		32.49	40.83	0.78		-25.13	0.04		1.04	2.92			
AGSIRO22	N2840	3770'	S	E		25.61	32.19	0.10		-55.20	0.01		1.34	2.82			
AGSIRO22	N2840	3782'	S	E		30.26	38.03	0.60		-28.54	0.03		1.08	2.92			
AGSIRO23	N2840	3808'	S	E		68.61	86.24	0.84		-27.86	0.02		1.05	3.10			
AGSIRO23	N2840	3820'	S	E		22.98	28.88	1.88		-26.20	0.14		1.04	2.82			
AGSIRO23	N2840	3838'	S	E		21.34	26.82	1.06		-35.86	0.09		1.10	2.83			
AGSIRO23	N2840	3854'	S	E		22.58	28.38	0.43		-37.30	0.03		1.03	2.71			
AGSIRO23	N2840	3881'	S	E		34.02	42.76	1.10		-36.53	0.06		1.06	2.87			
AGSIRO23	N2840	3896'	S	rE		15.72	19.76	0.31		-70.60	0.03		1.02	2.75			
AGSIRO23	N2840	3908'	S	rE		21.80	27.40	0.33		-41.89	0.03		1.20	2.64			
AGSIRO23	N2840	3934'	S	rE		21.49	27.02	0.18		-53.89	0.01		1.26	2.74			
AGSIRO23	N2840	3952'	S	rE		26.39	33.17	361.20		-85.28	23.6		1.04	2.76			
AGSIRO23	N2840	3968'	S	rM		19.53	24.55	397.88		-81.77	35.1		1.04	2.74			
AGSIRO23	N2840	3986'	S	rM		20.61	25.91	6.83		-72.82	0.57		1.11	2.77			
AGSIRO24	N2840	4006'	S	rE		19.70	24.76	0.24		-43.69	0.02		1.17	2.63			
AGSIRO24	N2840	4030'	S	rE		24.21	30.43	2.03		-80.91	0.14		1.15	2.76			
AGSIRO24	N2840	4045'	S	rE		26.66	33.51	1.23		-33.63	0.08		1.12	2.85			
AGSIRO24	N2840	4070'	S	rE		17.03	21.40	7.79		-36.26	0.79		1.06	2.69			
AGSIRO24	N2840	4091'	S	p		2.58	3.25	0.91		-73.99	0.61		1.31	2.63			
AGSIRO24	N2840	4108'	S	rE		18.06	22.70	13.51		-78.30	1.29		1.17	2.72			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	ALT k	(µg/OE)	k	(1E-5 S)	NRM	(µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO24	N2840	4121'	S	M			10.35	13.01	2.81				-71.90	0.47		1.06	2.71			
AGSIRO24	N2840	4135'	S	rE			31.88	40.08	0.30				-36.31	0.02		1.03	2.86			
AGSIRO24	N2840	4158'	S	rE			37.74	47.43	0.37				-40.34	0.02		1.08	2.87			
AGSIRO25	N2840	4178'	S	rM			32.81	41.24	1.53				-67.15	0.08		1.03	2.82			
AGSIRO25	N2840	4193'	S	rE			31.99	40.21	0.82				-57.76	0.04		1.06	2.90			
AGSIRO25	N2840	4215'	S	rE			25.35	31.86	0.37				-56.02	0.03		1.11	2.78			
AGSIRO25	N2840	4235'	S	rE			39.07	49.12	2.28				-65.20	0.10		1.08	2.92			
AGSIRO25	N2840	4258'	S	rE			27.37	34.40	0.22				-18.24	0.01		1.08	2.87			
AGSIRO25	N2840	4268'	S	rE			2.01	2.52	0.07				-64.46	0.06		1.21	2.70			
AGSIRO25	N2840	4292'	S	rE			0.38	0.47	6.36				-80.53	29.0		1.87	2.68			
AGSIRO25	N2840	4308'	S?	rE			24.86	31.24	3.97				-11.23	0.28		1.09	2.83			
AGSIRO25	N2840	4336'	Bh?	rE			33.98	42.71	0.12				-76.02	0.01		1.05	2.85			
AGSIRO25	N2840	4342'	Bf?B	rE			25.08	31.53	1.62				-77.23	0.11		1.08	2.84			
AGSIRO26	N2840	4365'	Bf?B	rE			20.22	25.42	20.10				-83.30	1.71		1.06	2.75			
AGSIRO26	N2840	4380'	Bf?B	rE			48.73	61.25	147.50				-88.12	5.22		1.05	2.78			
AGSIRO26	N2840	4405'	Bf?B	p			4.85	6.09	1.93				-76.95	0.69		1.13	2.66			
AGSIRO26	N2840	4423'	Bf?B	rE			33.37	41.95	0.68				-64.34	0.04		1.08	2.88			
AGSIRO26	N2840	4435'	Bf?B	rE			18.06	22.70	0.45				-64.19	0.04		1.02	2.76			
AGSIRO26	N2840	4466'	Bf?B	rE			90.69	114.00	2.39				-25.09	0.05		1.01	3.19			
AGSIRO26	N2840	4486'	Bp	a			0.27	0.34	1.93				-79.94	12.1		1.68	2.66			
AGSIRO26	N2840	4498'	Bp	p	BG1		21.33	26.81	10.71				-76.54	0.87		1.03	2.77			
AGSIRO26	N2840	4524'	Bp	p			0.77	0.96	4.27				-79.04	9.62		2.05	2.60			
AGSIRO26	N2840	4537'	Bp	p			1.24	1.56	1.09				-62.75	1.51		1.42	2.60			
AGSIRO27	N2840	4548'	Ba?	rm			23.34	29.34	1.23				-44.74	0.09		1.07	2.82			
AGSIRO27	N2840	4577'	Ba?	rm			25.30	31.81	0.40				-11.35	0.03		1.08	2.79			
AGSIRO27	N2840	4588'	Ba?	rm			33.69	42.34	0.22				-60.26	0.01		1.14	2.84			
AGSIRO27	N2840	4614'	Ba?	rm			13.62	17.12	0.17				-43.05	0.02		1.14	2.60			
AGSIRO27	N2840	4632'	Ba?	rm			59.93	75.33	9.93				-66.82	0.29		1.05	2.98			
AGSIRO27	N2840	4646'	Ba?	rm			46.99	59.07	0.31				-45.52	0.01		1.04	2.89			
AGSIRO27	N2840	4656'	Ba?	rm			40.50	50.90	0.26				-79.49	0.01		1.15	2.88			
AGSIRO27	N2840	4724'	Ba?	rm			6.57	8.26	0.85				-54.90	0.22		1.08	2.67			
AGSIRO27	N2840	4743'	Ba?	rm			9.16	11.52	0.93				-60.18	0.17		1.12	2.70			
AGSIRO27	N2840	4760'	Tr	rBm			15.10	18.98	0.93				-84.87	38.4		1.08	2.73			
AGSIRO28	N2840	4788'	Tr	rBm			11.47	14.41	337.01				-86.86	17.5		1.04	2.67			
AGSIRO28	N2840	4799'	Tr	rBm			8.47	10.64	116.89				-56.66	0.10		1.10	2.68			
AGSIRO28	N2840	4811'	Tr	rBm			8.53	10.72	0.41				-82.72	0.08		1.17	2.70			
AGSIRO28	N2840	4831'	Tr	rBm			9.59	12.06	1.31				-87.38	0.24		1.12	2.68			
AGSIRO28	N2840	4855'	Tr	rBm			4.94	6.21	0.10				-32.78	0.03		1.14	2.65			
AGSIRO28	N2840	4871'	Tr	rBm			11.14	14.01	0.32				-68.54	0.05		1.13	2.69			
AGSIRO28	N2840	4887'	Tr	rBm			8.17	10.27	0.80				-66.05	0.17		1.15	2.66			
AGSIRO28	N2840	4906'	Tr	rBm			14.54	18.28	0.59				-59.50	0.07		1.10	2.71			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO28	N2840	4940'	Tr	rBm		13.69	17.21	3.03		-79.22	0.38		1.13	2.70			
AGSIRO28	N2840	4943'	Tr	rBm		14.12	17.75	3.06		-79.26	0.37		1.10	2.68			
AGSIRO29	Z3060C	429.5m	Ba?	EM		21.60	27.15	0.19		-41.95	0.02		1.06	2.77			
AGSIRO29	Z3060C	439.0m	Ba?	EM		20.40	25.64	0.10		-37.94	0.01		1.07	2.77			
AGSIRO29	Z3060C	444.8m	Ba?	rE		29.80	37.46	0.09		-38.94	0.01		1.13	2.82			
AGSIRO29	Z3060C	454.9m	Ba?	rE-p		19.20	24.13	0.11		-49.07	0.01		1.15	2.75			
AGSIRO29	Z3060C	463.3m	Ba?	rE		34.60	43.49	0.13		2.44	0.01		1.13	2.89			
AGSIRO29	Z3060C	469.4m	Ba?	rE		29.30	36.83	0.11		-52.53	0.01		1.10	2.84			
AGSIRO29	Z3060C	475.8m	Ba?	M		28.20	35.45	0.32		-3.06	0.02		1.07	2.89			
AGSIRO29	Z3060C	482.2m	Ba?	M		18.70	23.51	0.10		-36.73	0.01		1.04	2.83			
AGSIRO29	Z3060C	491.3m	Ba?	M		24.70	31.05	0.15		-35.37	0.01		1.08	2.86			
AGSIRO29	Z3060C	497.6m	Ba?	M		28.40	35.70	0.17		-44.97	0.01		1.03	2.85			
AGSIRO30	Z3060C	503.8m	Ba?	M		26.00	32.68	0.21		-29.58	0.01		1.09	2.87			
AGSIRO30	Z3060C	511.4m	Ba?	M		13.70	17.22	0.04		-52.87	0.01		1.03	2.75			
AGSIRO30	Z3060C	517.9m	Ba?	p		0.35	0.44	0.19		-38.80	0.92		1.33	2.70			
AGSIRO30	Z3060C	526.8m	Ba?	E		36.10	45.38	0.20		-44.61	0.01		1.03	2.92			
AGSIRO30	Z3060C	533.3m	Ba?	M		37.90	47.64	0.10		-46.51	0.00		1.05	2.94			
AGSIRO30	Z3060C	539.1m	Ba?	M		37.60	47.26	0.19		14.04	0.01		1.03	2.95			
AGSIRO30	Z3060C	560.5m	Ba?	rE		42.80	53.80	0.22		-32.00	0.01		1.10	2.96			
AGSIRO30	Z3060C	566.1m	Ba?	rE		46.00	57.82	0.16		-48.52	0.01		1.06	3.00			
AGSIRO30	Z3060C	572.4m	Ba?	rE		45.60	57.32	0.14		-44.05	0.01		1.09	2.95			
AGSIRO30	Z3060C	579.2m	Ba?	p		0.90	1.13	0.12		-9.02	0.24		1.40	2.67			
AGSIRO31	Z3060C	584.8m	Ba?	rE		33.50	42.11	0.15		-55.50	0.01		1.04	2.91			
AGSIRO31	Z3060C	591.3m	Bp?	p		7.00	8.80	0.07		9.07	0.02		1.16	2.68			
AGSIRO31	Z3060C	601.1m	Bp	rE		38.50	48.39	0.14		-62.60	0.01		1.07	2.86			
AGSIRO31	Z3060C	607.3m	Bp	rE		24.50	30.80	0.53		-21.61	0.04		1.12	2.86			
AGSIRO31	Z3060C	615.0m	Bp	rE		27.22	34.21	0.19		-14.33	0.01		1.13	2.79			
AGSIRO31	Z3060C	622.6m	Bp	rE		64.56	81.15	2.59		-46.42	0.07		1.03	3.11			
AGSIRO31	Z3060C	627.3m	Bp	BG		97.60	122.68	3.07		-25.59	0.05		1.03	3.33			
AGSIRO31	Z3060C	634.2m	Bp	rE		19.30	24.26	0.09		-62.89	0.01		1.08	2.78			
AGSIRO31	Z3060C	639.8m	Bp	rE		25.90	32.56	1.93		-37.28	0.13		1.76	2.81			
AGSIRO31	Z3060C	650.3m	Bp	ag		64.50	81.08	6.60		-71.95	0.18		1.09	3.02			
AGSIRO32	Z3060C	656.8m	Bp	ag2		175.50	220.60	111.07		-60.10	1.09		1.26	2.93			
AGSIRO32	Z3060C	658.5m	Bp	ag2		43.50	54.68	0.20		-33.54	0.01		1.05	2.91			
AGSIRO32	Z3060C	669.1m	Bp	ag2		41.20	51.79	12.79		-84.35	0.54		1.02	2.89			
AGSIRO32	Z3060C	680.0m	Bp	a		105.70	132.86	1.35		-75.56	0.02		1.03	3.28			
AGSIRO32	Z3060C	686.5m	Bf	EM		30.00	37.71	0.39		-64.55	0.02		1.08	2.87			
AGSIRO32	Z3060C	693.0m	Bf	SE		13.80	17.35	0.15		-52.34	0.02		1.09	2.73			
AGSIRO32	Z3060C	700.0m	Bf	EM		39.40	49.53	0.17		-65.14	0.01		1.11	2.93			
AGSIRO32	Z3060C	705.4m	Bf	M		39.70	49.90	0.23		-59.34	0.01		1.03	2.94			
AGSIRO32	Z3060C	713.7m	Bf	SE		35.00	44.00	0.12		0.13	0.01		1.04	2.92			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO32	Z3060C	721.0m	Bf	SE		11.60	14.58	0.14		-0.52	0.02		1.02	2.72			
AGSIRO33	Z3060C	728.1m	Bf	rE		36.70	46.13	0.41		-48.89	0.02		1.05	2.94			
AGSIRO33	Z3060C	734.0m	Bf	ES		20.60	25.89	0.10		-55.54	0.01		1.03	2.81			
AGSIRO33	Z3060C	740.8m	Bf	ES		38.70	48.65	1.09		51.81	0.05		1.06	2.94			
AGSIRO33	Z3060C	749.0m	Bf	ES		17.90	22.50	0.16		-37.66	0.02		1.08	2.75			
AGSIRO33	Z3060C	753.4m	Bf	SE		9.17	11.52	0.17		-64.43	0.03		1.10	2.67			
AGSIRO33	Z3060C	761.2m	Bf	SE		28.10	35.32	0.18		45.56	0.01		1.05	2.90			
AGSIRO33	Z3060C	770.3m	Bf	SE		7.10	8.92	0.04		-18.79	0.01		1.88	2.69			
AGSIRO33	Z3060C	773.2m	Bf	SE		20.04	25.19	0.35		-62.40	0.03		1.03	2.79			
AGSIRO33	Z3060C	781.5m	Bf	SE		44.10	55.43	0.11		-72.42	0.00		1.06	2.94			
AGSIRO33	Z3060C	790.8m	Bf	ES		8.84	11.11	0.15		-72.67	0.03		1.07	2.69			
AGSIRO34	Z3060C	795.5m	Bf	dol		69.70	87.61	0.87		-47.84	0.02		1.02	3.04			
AGSIRO34	Z3060C	801.7m	Bf	M		21.90	27.53	0.09		-40.37	0.01		1.08	2.84			
AGSIRO34	Z3060C	805.2m	Bf	dol-p		21.80	27.40	0.34		-69.56	0.03		1.04	2.73			
AGSIRO34	Z3060C	812.1m	Bf	E		30.90	38.84	0.06		-37.77	0.00		1.06	2.91			
AGSIRO34	Z3060C	817.4m	Bf	rE		10.20	12.82	0.07		36.73	0.01		1.08	2.70			
AGSIRO34	Z3060C	825.5m	Bh	S		16.20	20.36	0.67		-46.90	0.07		1.03	2.75			
AGSIRO34	Z3060C	832.4m	Bh	S		12.70	15.96	3.30		-67.43	0.45		1.05	2.74			
AGSIRO34	Z3060C	838.3m	Bh	S		10.20	12.82	0.11		-58.81	0.02		1.04	2.71			
AGSIRO34	Z3060C	846.0m	Bh	S		15.90	19.99	0.31		-58.85	0.03		1.08	2.75			
AGSIRO34	Z3060C	853.3m	Bh	E		42.60	53.55	0.18		-52.73	0.01		1.04	2.93			
AGSIRO35	Z3060C	861.1m	Bh	E		69.20	86.98	0.27		-49.73	0.01		1.03	3.09			
AGSIRO35	Z3060C	867.8m	Bh	S		38.60	48.52	0.27		-7.28	0.01		1.04	2.92			
AGSIRO35	Z3060C	871.3m	Bh	gq		106.30	133.62	0.97		27.68	0.02		1.03	3.31			
AGSIRO35	Z3060C	877.7m	Bh	gq		76.50	96.16	5.30		58.27	0.12		1.08	3.13			
AGSIRO35	Z3060C	888.8m	Bh	FM		48.20	60.59	1.41		-70.49	0.05		1.03	3.00			
AGSIRO35	Z3060C	896.0m	S?	E		36.60	46.01	4.47		-61.06	0.21		1.06	2.93			
AGSIRO35	Z3060C	902.8m	S	E		41.10	51.66	0.69		-30.48	0.03		1.06	2.96			
AGSIRO35	Z3060C	910.3m	S	ES		31.10	39.09	0.18		6.48	0.01		1.04	2.87			
AGSIRO35	Z3060C	916.4m	S	ES		24.90	31.30	0.56		-73.49	0.04		1.07	2.81			
AGSIRO35	Z3060C	923.3m	S	S		11.30	14.20	9.63		77.06	1.47		1.02	2.73			
AGSIRO36	Z3060C	930.1m	S	rM		31.70	39.85	0.87		-73.11	0.05		1.04	2.88			
AGSIRO36	Z3060C	937.8m	S	E		24.10	30.29	0.91		-77.38	0.07		1.55	2.77			
AGSIRO36	Z3060C	943.9m	S	E		34.50	43.37	16.50		-16.36	0.82		1.06	2.96			
AGSIRO36	Z3060C	952.5m	S	ES		23.10	29.04	3.25		85.96	0.24		1.08	2.80			
AGSIRO36	Z3060C	959.5m	S	rE		20.60	25.89	0.15		-51.66	0.01		1.11	2.85			
AGSIRO36	Z3060C	965.6m	S	rM		25.70	32.30	11.55		-85.22	0.77		1.03	2.81			
AGSIRO36	Z3060C	974.3m	S	rM		33.30	41.86	1.13		-32.99	0.06		1.07	2.88			
AGSIRO36	Z3060C	979.6m	S	rM		32.00	40.22	0.13		-67.66	0.01		1.06	2.86			
AGSIRO36	Z3060C	987.2m	S	rM		32.00	40.22	0.12		-44.56	0.01		1.15	2.85			
AGSIRO36	Z3060C	992.5m	S	rM		15.88	19.96	3.20		-75.48	0.35		1.15	2.76			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO37	Z3060C	1000.3	S	rM		24.30	30.55	2.12		-48.55	0.15		1.17	2.81			
AGSIRO37	Z3060C	1007.8	S	M		33.70	42.36	0.33		-55.98	0.02		1.03	2.86			
AGSIRO37	Z3060C	1015.2	S	a		215.40	270.76	387.09		-87.66	3.10		1.07	3.25			
AGSIRO37	Z3060C	1021.3	S	M		17.60	22.12	0.29		-80.45	0.03		1.06	2.74			
AGSIRO37	OUTCF		Tc?	ax		207.00	260.20	856.60			7.13		1.11	3.18	552,956.00	6,464,419.0	
AGSIRO37	OUTCF		Tc?	ax		4,946.00	6,217.12	5,684.00			1.98		1.48	2.91	552,956.00	6,464,419.0	
AGSIRO37	OUTCF		Tc?	ax		700.00	879.90	153.60			0.38		1.21	2.97	553,040.00	6,464,312.0	
AGSIRO37	OUTCF		Tc?	ax		196.80	247.38	138.40			1.21		1.03	3.34	553,040.00	6,464,312.0	
AGSIRO37	OUTCF		Ta?	BS2		132.00	165.92	95.20			1.24		1.07	3.34	553,221.00	6,463,983.0	
AGSIRO37	OUTCF		Ta?	BS2		11.05	13.89	10.17			1.59		1.12	2.68	553,221.00	6,463,983.0	
AGSIRO38	OUTCF		tg	a		111.05	139.59	854.80			13.2		1.04	3.06	553,472.00	6,463,163.0	
AGSIRO38	OUTCF		tg	a		109.48	137.61	595.10			9.37		1.05	2.99	553,472.00	6,463,163.0	
AGSIRO38	OUTCF		cm	Lf-S		10.41	13.09	1.33			0.22		1.16	2.67	554,026.00	6,462,656.0	
AGSIRO38	OUTCF		cm	Lf-S		356.40	447.99	34.60			0.17		1.09	2.75	554,026.00	6,462,656.0	
AGSIRO38	OUTCF		cm	Lf-S		66.00	82.96	9.40			0.25		1.10	2.70	554,026.00	6,462,656.0	
AGSIRO38	OUTCF		cm	Lf-S		623.40	783.61	59.00			0.16		1.07	2.69	554,026.00	6,462,656.0	
AGSIRO38	OUTCF		cm	Lf-S		141.00	177.24	20.40			0.25		1.06	2.62	553,195.00	6,459,134.0	
AGSIRO38	OUTCF		Tr	Bc1		680.00	854.76	243.80			0.62		1.34	2.75	548,643.00	6,478,166.0	
AGSIRO38	OUTCF		Tr	Bc1		16.30	20.49	0.20			0.02		1.19	2.75	548,643.00	6,478,166.0	
AGSIRO38	OUTCF		Th	qm		14.00	17.60	0.15			0.02		1.21	2.69	531,885.00	6,454,639.0	
AGSIRO38	OUTCF		Th	qm		25,988.00	32,657.00	18,381.00			1.22		1.26	3.07	531,885.00	6,454,639.0	
AGSIRO39	OUTCF		Th	qm		237.00	297.91	591.70			4.30		1.11	3.28	531,885.00	6,454,639.0	
AGSIRO39	OUTCF		Ta	Bc1		17.20	140.78	16.90			1.69		1.02	2.69	543,221.00	6,459,015.0	
AGSIRO39	OUTCF		Little	bp		116.00	145.81	477.40			7.10		1.12	2.90	551,057.00	6,448,039.0	
AGSIRO39	OUTCF		Little	bp		106.00	133.24	9,166.00			149.		1.17	2.90	551,057.00	6,448,039.0	
AGSIRO39	OUTCF		Little	bp		209.00	262.71	612.80			5.06		1.08	2.91	551,057.00	6,448,039.0	
AGSIRO39	OUTCF		Little	bx		136.00	170.95	350.90			4.45		1.10	2.89	551,275.00	6,447,971.0	
AGSIRO39	OUTCF		Red f	bx		5,490.00	6,900.93	28,117.00			8.83		1.04	2.80	555,441.00	6,454,258.0	
AGSIRO39	OUTCF		Red f	bx	sp/ft	9,642.00	12,119.99	12,138.00			2.17		1.04	2.82	555,481.00	6,454,213.0	
AGSIRO39	A7	6.6m	Ba	S		6.59	8.28	0.19			0.05		1.08	2.67			
AGSIRO40	A7	9.3m	Ba	Lq		1.98	2.49	0.22			0.19		1.33	2.65			
AGSIRO40	A7	15.6m	Ba	E		35.40	44.50	0.16			0.01		1.17	2.82			
AGSIRO40	A7	20.3m	Ba	E		31.00	38.97	0.20			0.01		1.14	2.80			
AGSIRO40	A7	24.7m	Ba	M		35.50	44.62	0.32			0.02		1.12	2.82			
AGSIRO40	A7	28.7m	Ba	a		78.30	98.42	0.88			0.02		1.06	3.00			
AGSIRO40	A7	33.3m	Ba	a		78.70	98.93	0.08			0.00		1.11	3.00			
AGSIRO40	A7	41.6m	Ba	a		71.30	89.62	0.10			0.00		1.06	2.94			
AGSIRO40	A7	47.2m	Ba	a		71.00	89.25	0.15			0.00		1.03	2.97			
AGSIRO40	A7	57.3m	Bp	Lq		1.65	2.07	0.12			0.13		1.26	2.64			
AGSIRO40	A7	59.1m	Bp	a		69.80	87.74	93.62			2.31		1.14	2.89			
AGSIRO41	A7	68.4m	Bp	a		67.30	84.60	54.92			1.41		1.16	3.04			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(GICC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO41	A7	74.9m	Bp	a		70.60	88.74	54.17		-87.84	1.32		1.09	2.91			
AGSIRO41	A7	82.6m	Bp	Lq		0.18	0.23	0.26		-50.76	2.49		1.66	2.65			
AGSIRO41	A7	86.3m	Bp	BG2		28.50	35.82	1.83		-71.73	0.11		1.05	2.76			
AGSIRO41	A7	94.1m	Bp	BG2		8.10	10.18	0.15		-36.04	0.03		1.26	2.69			
AGSIRO41	A7	100.3m	Bp	BG2		40.90	51.41	56.56		-83.80	2.38		1.06	2.77			
AGSIRO41	A7	102.8m	Bp	BG2		36.00	45.25	72.69		-79.41	3.48		1.09	2.76			
AGSIRO41	A7	106.7m	Bp	BG2		30.00	37.71	1.91		-74.79	0.11		1.08	2.77			
AGSIRO41	A7	110.9m	Bp	BG2		30.80	38.72	0.10		-72.47	0.01		1.02	2.78			
AGSIRO41	A7	121.5m	Bp	E		17.70	22.25	0.52		-19.77	0.05		1.13	2.71			
AGSIRO42	A7	124.9m	Bp	Lq		2.00	2.51	0.20		-68.10	0.18		1.22	2.66			
AGSIRO42	A7	130.8m	Bp	M		12.60	15.84	0.35		-6.58	0.05		1.08	2.70			
AGSIRO42	A7	138.5m	Bp	Lq		-0.94	-1.18	0.23		61.90	-0.41		0.52	2.63			
AGSIRO42	A7	145.5m	Bp	Lq		-0.20	-0.25	0.16		-27.86	-1.41		0.60	2.64			
AGSIRO42	A7	150.2m	Bp	M		19.00	23.88	1.40		-37.76	0.13		1.12	2.72			
AGSIRO42	A7	156.9m	Bp	S		23.30	29.29	0.14		-33.60	0.01		1.15	2.75			
AGSIRO42	A7	164.1m	Bp	BG2		172.00	216.20	2,130.10		-23.01	21.3		1.10	2.99			
AGSIRO42	A7	168.8m	Bp	ag		86.50	108.73	178.39		-30.07	3.56		1.14	3.03			
AGSIRO42	A7	176.2m	Bp	a		73.70	92.64	27.97		-38.15	0.65		1.17	3.05			
AGSIRO42	A7	183.6m	Bp	Lq		-0.11	0.03	0.03		-21.32	-0.51		0.50	2.63			
AGSIRO43	A7	188.1m	Bp	EM		26.70	33.56	0.19		-61.43	0.01		1.14	2.78			
AGSIRO43	A7	196.2m	Bp	EM		23.50	29.54	0.15		-40.98	0.01		1.10	2.77			
AGSIRO43	A7	202.3m	Bp	EM		36.00	45.25	0.21		17.91	0.01		1.10	2.81			
AGSIRO43	A7	207.1m	Bp	BG2		42.54	53.47	0.30		17.11	0.01		1.07	2.85			
AGSIRO43	A7	212.7m	Bp	EM		30.10	37.84	0.13		-22.02	0.01		1.69	2.65			
AGSIRO43	A7	222.1m	Bp?	M		46.30	58.20	0.15		-58.28	0.01		1.10	2.88			
AGSIRO43	A7	226.9m	Bf?	EM		29.50	37.08	0.15		54.70	0.01		1.13	2.77			
AGSIRO43	A7	233.3m	Bf	E		45.30	56.94	0.14		46.81	0.01		1.07	2.87			
AGSIRO43	A7	240.6m	Bf	E		33.00	41.48	0.16		-35.00	0.01		1.06	2.83			
AGSIRO43	A7	245.2m	Bf	E		36.85	46.26	0.28		-40.87	0.01		1.11	2.82			
AGSIRO44	A7	252.4m	Bf	E		26.00	32.68	0.68		-67.31	0.05		1.09	2.78			
AGSIRO44	A7	256.4m	Bf	E		35.84	45.05	71.40		-74.81	3.43		1.06	2.77			
AGSIRO44	PU7	8.3m	Tc?	EM		29.80	37.46	0.33		-56.00	0.02		1.10	2.81			
AGSIRO44	PU7	13.3m	Tc?	EM		19.00	23.88	0.17		-57.80	0.02		1.09	2.75			
AGSIRO44	PU7	18.3m	Tc?	E		20.60	25.89	1.25		-58.50	0.10		1.17	2.75			
AGSIRO44	PU7	21.3m	Tc?	E		27.40	34.44	0.22		-57.30	0.01		1.23	2.78			
AGSIRO44	PU7	26.6m	Tc?	EM		12.70	15.96	1.34		-37.10	0.18		1.06	2.74			
AGSIRO44	PU7	29.5m	Tc?	E		23.40	29.41	0.63		-64.90	0.05		1.13	2.74			
AGSIRO44	PU7	35.8m	Tc?	EM		43.60	54.81	24.47		-7.50	0.97		1.43	2.78			
AGSIRO44	PU7	42.5m	Tc?	EM		61.90	77.81	13.34		33.10	0.37		1.10	2.93			
AGSIRO45	PU7	46.0m	Tc?	EM		28.60	35.95	1.95		37.80	0.12		1.06	2.79			
AGSIRO45	PU7	51.0m	Tc?	E		93.40	117.40	81.10		-55.00	1.50		1.29	2.83			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO45	PU7	54.5m	Th?	E		26.60	33.44	14.39		-68.60	0.93		1.04	2.76			
AGSIRO45	PU7	57.6m	Th?	EM		188.00	236.32	137.44		-69.10	1.26		1.63	2.83			
AGSIRO45	PU7	63.8m	Th?	FM		43.60	54.81	0.37		24.40	0.01		1.07	2.89			
AGSIRO45	PU7	70.4m	Th?	E		87.00	109.36	71.74		-73.60	1.42		1.24	2.79			
AGSIRO45	PU7	73.5m	Th?	FM		33.30	41.86	29.70		-34.50	1.54		1.23	2.67			
AGSIRO45	PU7	77.0m	Th?	FSM		45.20	56.82	2.02		-47.60	0.08		1.11	2.86			
AGSIRO45	PU7	83.0m	Th	EM		113.00	142.04	64.39		-68.70	0.98		1.22	2.86			
AGSIRO45	PU7	85.7m	Th	EM		92.10	115.77	33.70		-29.50	0.63		1.24	2.92			
AGSIRO46	PU7	91.4m	Th	M		30.60	38.46	0.41		-53.50	0.02		1.05	2.85			
AGSIRO46	PU7	97.9m	Th	E		97.90	123.06	77.60		-51.40	1.37		1.09	2.82			
AGSIRO46	PU7	100.6m	Th	E		28.20	35.45	0.30		42.70	0.02		1.03	2.90			
AGSIRO46	PU7	107.1m	Th	E		35.50	44.62	9.71		-35.80	0.47		1.11	2.80			
AGSIRO46	PU7	109.8m	Th	FEM		122.00	153.35	71.07		-37.30	1.00		1.25	2.85			
AGSIRO46	PU7	114.7m	Th	EM		263.00	330.59	95.38		-60.30	0.63		1.22	2.80			
AGSIRO46	PU7	119.0m	Th	EM		43.10	54.18	0.26		-19.50	0.01		1.04	2.89			
AGSIRO46	PU7	124.1m	Th	EM		148.00	186.04	74.86		-16.00	0.87		1.54	2.85			
AGSIRO46	PU7	127.5m	Th	E		43.80	55.06	30.86		-35.40	1.21		1.24	2.72			
AGSIRO46	PU7	133.9m	Th	E		160.00	201.12	131.32		-71.00	1.42		1.49	2.82			
AGSIRO47	PU7	137.3m	Th	E		963.00	1,210.49	487.45		46.80	0.87		1.57	2.81			
AGSIRO47	PU7	142.4m	Th	E		345.00	433.67	461.69		-17.50	2.31		1.84	2.84			
AGSIRO47	PU7	146.4m	Th	EM		38.50	48.39	1.16		25.10	0.05		1.09	2.86			
AGSIRO47	PU7	152.5m	Th	EM		26.70	33.56	0.13		-49.20	0.01		1.08	2.79			
AGSIRO47	PU7	157.6m	Th	EM		22.30	28.03	0.06		2.20	0.01		1.09	2.80			
AGSIRO47	PU7	160.9m	Th	E		29.40	36.96	0.58		23.40	0.03		1.07	2.84			
AGSIRO47	PU7	167.1m	Th	M		28.50	35.82	0.67		30.50	0.04		1.08	2.79			
AGSIRO47	PU7	169.9m	Th	M		41.20	51.79	4.69		0.50	0.20		1.11	2.82			
AGSIRO47	PU7	175.4m	Th	EM		34.50	43.37	18.10		-20.30	0.90		1.07	2.79			
AGSIRO47	PU7	178.9m	Th	FEM		29.10	36.58	9.08		-46.40	0.54		1.06	2.74			
AGSIRO48	PU7	181.6m	Th	E		324.00	407.27	465.97		19.20	2.48		1.72	2.83			
AGSIRO48	PU7	188.0m	Th	fm		4.42	5.56	0.65		-44.60	0.25		1.21	2.72			
AGSIRO48	PU7	193.4m	Th	M		37.50	47.14	4.78		50.30	0.22		1.13	2.79			
AGSIRO48	PU7	200.0m	Th	M		28.30	35.57	6.31		25.00	0.38		1.07	2.80			
AGSIRO48	PU7	201.5m	Th	FM		105.00	131.99	40.62		-60.10	0.67		1.49	2.75			
AGSIRO48	PU7	205.7m	Th	M		27.10	34.06	4.77		59.00	0.30		1.09	2.79			
AGSIRO48	PU7	212.0m	Th	M		28.20	35.45	1.21		-7.50	0.07		1.05	2.80			
AGSIRO48	PU7	216.0m	Th	rP-E		38.30	48.14	4.89		-73.30	0.22		1.07	2.88			
AGSIRO48	PU7	220.0m	Th	M		26.00	32.68	0.10		-20.90	0.01		1.08	2.80			
AGSIRO48	PU7	225.9m	Th	EM		26.40	33.18	1.19		-3.40	0.08		1.09	2.82			
AGSIRO49	PU7	231.2m	Th	M		29.70	37.33	0.36		-45.90	0.02		1.09	2.82			
AGSIRO49	PU7	242.0m	Th	M		31.20	39.22	0.37		-70.30	0.02		1.07	2.84			
AGSIRO49	PU7	247.0m	Th	EM		30.80	38.72	13.82		-78.80	0.77		1.10	2.78			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO49	PU7	254.3m	Th	a		71.20	89.50	0.19		-37.30	0.00		1.04	3.08			
AGSIRO49	PU7	262.6m	Th	EM		88.40	111.12	57.70		18.90	1.13		1.55	2.82			
AGSIRO49	PU7	268.8m	Th	E		151.00	189.81	398.44		-60.30	4.55		1.26	2.85			
AGSIRO49	PU7	276.0m	Th	FEM-		1,350.00	1,696.95	2,134.90		-61.50	2.73		1.64	2.75			
AGSIRO49	PU7	281.0m	Th	EM		41.80	52.54	12.04		15.20	0.50		1.10	2.83			
AGSIRO49	PU7	287.0m	Th	EM		116.00	145.81	354.50		-75.40	5.27		1.21	2.78			
AGSIRO49	PU7	294.6m	Th	FEM		7.66	9.63	5.75		-66.30	1.29		1.22	2.68			
AGSIRO50	PU7	298.9m	Th	a		243.00	305.45	307.30		-83.90	2.18		1.29	3.17			
AGSIRO50	PU7	310.9m	Th	a		88.90	111.75	34.14		-18.70	0.66		1.12	3.03			
AGSIRO50	PU7	316.0m	Th	a		113.00	142.04	2.87		-39.20	0.04		1.07	3.05			
AGSIRO50	PU7	323.4m	Th	a		95.40	119.92	0.34		-31.00	0.01		1.13	2.89			
AGSIRO50	PU7	327.0m	Th	a		137.00	172.21	63.87		-41.30	0.80		1.13	3.05			
AGSIRO50	PU7	334.0m	Th	a		74.00	93.02	38.69		-27.30	0.90		1.03	3.09			
AGSIRO50	PU7	340.1m	Th	a		529.00	664.95	1,317.90		-44.00	4.30		1.18	2.89			
AGSIRO50	PU7	346.7m	Th	a-E		94.70	119.04	16.24		-80.50	0.30		1.22	2.88			
AGSIRO50	PU7	353.5m	Th	FEM		41.80	52.54	0.28		-50.60	0.01		1.14	2.84			
AGSIRO50	PU7	361.8m	Th	p-FEI		719.00	903.78	898.80		-54.70	2.16		2.35	2.84			
AGSIRO51	PU7	368.5m	Th	M		2,790.00	3,507.03	9,234.10		-54.90	5.71		1.68	3.04			
AGSIRO51	PU7	371.2m	Th?	M		14.70	18.48	2.10		-4.90	0.25		1.09	2.73			
AGSIRO51	PU7	389.0m	Ba?	S		20.40	25.64	2.29		-49.00	0.19		1.05	2.75			
AGSIRO51	PU7	393.0m	Ba	M		19.70	24.76	90.74		-78.40	7.94		1.16	2.81			
AGSIRO51	PU7	396.0m	Ba	a		534.00	671.24	800.44		-43.90	2.58		1.09	3.09			
AGSIRO51	PU7	399.0m	Ba	FS		113.00	142.04	4.62		-19.70	0.07		1.02	3.19			
AGSIRO51	PU7	407.5m	Ba	S		34.30	43.12	0.28		-11.30	0.01		1.07	2.83			
AGSIRO51	PU7	413.3m	Ba	EM		28.00	35.20	1.53		35.10	0.09		1.12	2.84			
AGSIRO51	PU7	420.2m	Ba	M		34.50	43.37	0.28		23.80	0.01		1.09	2.81			
AGSIRO51	PU7	427.7m	Ba	EM		127.00	159.64	268.46		-78.00	3.64		1.21	2.80			
AGSIRO52	PU7	432.0m	Ba	E		27.80	34.94	1.03		-74.10	0.06		1.07	2.82			
AGSIRO52	PU7	442.0m	Ba	M		442.00	555.59	1,064.10		-20.20	4.15		1.48	2.91			
AGSIRO52	PU7	445.0m	Ba	EM		39.50	49.65	34.91		4.50	1.52		1.14	2.79			
AGSIRO52	PU7	455.8m	Ba	M		106.00	133.24	145.05		-58.10	2.36		1.04	2.82			
AGSIRO52	PU7	462.0m	Ba	EM		120.00	150.84	140.61		-76.50	2.02		1.52	2.81			
AGSIRO52	PU7	467.9m	Ba	M		520.00	653.64	1,296.20		-66.00	4.30		1.37	2.84			
AGSIRO52	PU7	474.6m	Ba	M		28.10	35.32	9.71		-73.80	0.60		1.09	2.81			
AGSIRO52	PU7	480.0m	Ba	M		61.30	77.05	47.03		-10.60	1.32		1.33	2.81			
AGSIRO52	PU7	488.5m	Ba	S		5,090.00	6,398.13	16,129.00		-65.40	5.46		1.92	3.02			
AGSIRO52	PU7	492.8m	Ba	M		24.00	30.17	17.03		-66.60	1.22		1.05	2.76			
AGSIRO52	PU7	499.0m	Ba	EM		485.00	609.65	871.63		-44.40	3.10		1.38	3.08			
AGSIRO53	PU7	506.0m	Ba	EM		69.20	86.98	336.63		-33.80	8.39		1.39	2.75			
AGSIRO53	PU7	510.5m	Ba	FEM		187.00	235.06	198.95		-55.20	1.83		1.68	2.82			
AGSIRO53	PU7	523.1m	Ba	FEM		49.40	62.10	52.72		-51.00	1.84		1.06	2.78			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO53	PU7	529.1m	Ba	EM		34.40	43.24	42.61		-77.10	2.14		1.12	2.80			
AGSIRO53	PU7	535.0m	Ba	FEM		924.00	1,161.47	1,997.30		-69.10	3.73		1.36	3.44			
AGSIRO53	PU7	538.7m	Ba	EM		45.40	57.07	21.81		-69.60	0.83		1.15	2.83			
AGSIRO53	PU7	547.5m	Ba	EM		413.00	519.14	501.23		-63.80	2.09		1.99	2.81			
AGSIRO53	PU7	550.0m	Ba	EM		589.00	740.37	441.83		-47.20	1.29		1.82	2.77			
AGSIRO53	RW15	213.0m	Tc?	FS		246.00	309.22	1,755.80		-46.90	12.3		1.20	2.82			
AGSIRO54	RW15	217.0m	Tc?	FS-S		92.00	115.64	49.99		-82.30	0.94		1.04	2.97			
AGSIRO54	RW15	224.0m	Tc?	FS-S		101.00	126.96	216.04		-84.60	3.69		1.03	3.08			
AGSIRO54	RW15	230.3m	Tc?	FS-S		90.30	113.51	497.38		-87.60	9.50		1.65	2.79			
AGSIRO54	RW15	233.8m	Tc?	FS-S		16.80	21.12	1.69		-86.20	0.17		1.09	2.69			
AGSIRO54	RW15	240.0m	Tc?	FS-S		41.80	52.54	148.65		-88.90	6.13		1.01	2.85			
AGSIRO54	RW15	246.7m	Tc?	FS-S		186.00	233.80	591.89		-79.20	5.49		1.10	2.96			
AGSIRO54	RW15	249.7m	Tc?	FS-S		61.20	76.93	22.25		-64.60	0.63		1.04	3.13			
AGSIRO54	RW15	257.3m	Tc?	qd-qt		17,700.00	22,248.90	31,327.00		-83.30	3.05		2.86	4.51			
AGSIRO54	RW15	258.9m	Tc?	qd-qt		3,310.00	4,160.67	20,498.00		-54.60	10.6		1.12	2.80			
AGSIRO54	RW15	264.0m	Tc?	FSM		198.00	248.89	1,100.50		-85.90	9.58		1.10	2.86			
AGSIRO55	RW15	270.4m	Tc?	FS-S		20.90	26.27	13.07		-82.40	1.08		1.08	3.03			
AGSIRO55	RW15	274.8m	Tc?	FS-S		24.10	30.29	100.01		-58.90	7.15		1.05	2.77			
AGSIRO55	RW15	283.3m	Tc?	S		128.00	160.90	540.59		-88.00	7.28		1.08	2.98			
AGSIRO55	RW15	285.9m	Tc?	S-S/S		25.10	31.55	1.06		-52.40	0.07		1.07	2.84			
AGSIRO55	RW15	289.8m	Tc?	a		291.00	365.79	229.39		-72.50	1.36		1.18	2.93			
AGSIRO55	RW15	296.6m	Tc?	FSM-		102.00	128.21	688.65		-89.30	11.6		1.05	3.01			
AGSIRO55	RW15	301.8m	Tc?	a		305.00	383.39	2,996.00		77.70	16.9		1.14	3.08			
AGSIRO55	RW15	306.5m	Tc?	qd-qt		520.00	653.64	4,005.60		-62.10	13.2		1.15	2.87			
AGSIRO55	RW15	311.8m	Tc	FSM-		41.80	52.54	17.68		-77.10	0.73		1.05	2.91			
AGSIRO55	RW15	316.2m	Tc	FSM-		32.50	40.85	0.84		-57.80	0.04		1.12	2.80			
AGSIRO56	RW15	316.7m	Tc	FSM-		86.50	108.73	826.47		-89.40	16.4		1.09	2.88			
AGSIRO56	RW15	329.3m	Tc	FS-S		17.60	22.12	0.84		-64.20	0.08		1.05	2.80			
AGSIRO56	RW15	334.2m	Tc	FS-S		24.40	30.67	5.79		87.00	0.41		1.08	2.87			
AGSIRO56	RW15	339.0m	Tc	FS-S		131.00	164.67	2,156.40		-85.60	28.3		1.04	2.85			
AGSIRO56	RW15	342.0m	Tc	FS-S		32.10	40.35	66.75		-83.10	3.58		1.02	2.87			
AGSIRO56	RW15	350.5m	Tc	FS-S		84.50	106.22	910.32		-86.10	18.5		1.20	2.85			
AGSIRO56	RW15	354.0m	Tc	FS-S		22.10	27.78	35.07		-88.90	2.74		1.10	2.86			
AGSIRO56	RW15	360.0m	Tc	FS-S		76.90	96.66	906.33		-84.10	20.3		1.07	2.90			
AGSIRO56	RW15	366.0m	Tc	FS-S		28.50	35.82	25.29		-75.70	1.53		1.10	2.91			
AGSIRO56	RW15	357.0m	Tc	FS-S		41.20	51.79	162.99		-86.80	6.82		1.11	2.68			
AGSIRO57	RW15	369.0m	Tc	FS-S		43.70	54.93	28.96		-83.30	1.14		1.06	3.04			
AGSIRO57	STN01	117.5m	Ba	M		33.50	42.11	0.35		54.80	0.02		1.08	2.89			
AGSIRO57	STN01	122.8m	Ba	S		20.50	25.77	0.19		-79.30	0.02		1.06	2.77			
AGSIRO57	STN01	125.1m	Ba	SM		29.70	37.33	0.07		-26.80	0.00		1.07	2.81			
AGSIRO57	STN01	134.5m	Ba	E-S		22.00	27.65	0.64		-9.50	0.05		1.08	2.85			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	ALT k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO57	STN01	140.9m	Bp	a		91.00	114.39	0.13		-6.00	0.00		1.04	3.11			
AGSIRO57	STN01	148.6m	Bp	a-ra		82.00	103.07	0.27		9.50	0.01		1.04	3.05			
AGSIRO57	STN01	156.1m	Bp	a		134.19	168.44	0.10		-14.80	0.00		0.80	3.07			
AGSIRO57	STN01	157.9m	Bp	p		-0.21	-0.88	0.07		-65.20	-0.11		0.80	2.62			
AGSIRO57	STN01	167.6m	Bp	a		112.00	140.78	3.38		-81.90	0.05		1.13	3.20			
AGSIRO58	STN01	172.9m	Bp	a		85.70	107.72	322.02		-83.00	6.48		1.13	2.80			
AGSIRO58	STN01	176.3m	Bp	q-a		635.00	798.20	3,457.20		-87.40	9.39		1.14	2.95			
AGSIRO58	STN01	183.0m	Bp	q		77.50	97.42	328.73		-78.60	7.31		1.27	2.67			
AGSIRO58	STN01	191.5m	Bp	a		484.00	608.39	2,187.20		-88.00	7.79		1.16	3.29			
AGSIRO58	STN01	201.7m	Bp	a		220.00	276.54	961.69		-64.80	7.54		1.16	3.11			
AGSIRO58	STN01	208.1m	Bf	E		29.70	37.33	0.06		-44.90	0.00		1.03	2.90			
AGSIRO58	STN01	211.9m	Bf	P		19.10	24.01	0.21		5.30	0.02		1.06	2.85			
AGSIRO58	STN01	219.8m	Bf	SM		40.10	50.41	0.46		-41.70	0.02		1.09	2.86			
AGSIRO58	STN01	226.5m	Bf	E		50.70	63.73	0.18		-70.20	0.01		1.03	2.99			
AGSIRO58	STN01	233.3m	Bf	S		37.90	47.64	0.21		83.70	0.01		1.04	2.88			
AGSIRO59	STN01	241.2m	Bf	E		53.90	67.75	0.07		13.90	0.00		1.06	3.04			
AGSIRO59	STN01	244.1m	Bf	S		20.30	25.52	0.17		-65.50	0.01		1.13	2.75			
AGSIRO59	STN01	254.5m	Bf	FSE		2.15	2.70	0.12		6.80	0.10		1.42	2.70			
AGSIRO59	STN01	257.9m	Bf	E		38.10	47.89	0.04		-76.20	0.00		1.10	2.92			
AGSIRO59	STN01	265.2m	Bf	E		62.30	78.31	0.17		-64.60	0.00		1.06	3.16			
AGSIRO59	STN01	270.1m	Bf	E		36.70	46.13	0.08		-78.80	0.00		1.03	2.95			
AGSIRO59	STN01	279.3m	Bf	P		-0.16		0.23		-67.50	-0.41		0.42	2.58			
AGSIRO59	STN01	286.8m	Bf	M		59.20	74.41	0.07		-29.50	0.00		1.03	3.01			
AGSIRO59	STN01	293.4m	Bf	E		71.40	89.75	0.14		-15.70	0.00		1.02	3.18			
AGSIRO59	STN01	299.1m	Bf	EM		102.00	128.21	0.90		-69.80	0.02		1.04	3.20			
AGSIRO60	STN01	304.2m	Bf	E		24.70	31.05	0.21		-53.70	0.01		1.09	2.83			
AGSIRO60	STN01	313.3m	Bf	S		34.00	42.74	0.63		-72.80	0.03		1.01	2.89			
AGSIRO60	STN01	317.7m	Bf	E		63.60	79.95	0.97		-68.20	0.03		1.03	2.88			
AGSIRO60	STN01	314.1m	Bf	SM		29.60	37.21	0.74		-73.20	0.04		1.04	3.09			
AGSIRO60	STN01	331.2m	Bf	E		53.80	67.63	0.32		-44.30	0.01		1.07	2.99			
AGSIRO60	STN01	338.7m	Bf	P		27.30	34.32	0.06		-67.10	0.00		1.09	2.82			
AGSIRO60	STN01	341.8m	Bf	E		43.80	55.06	0.19		-76.20	0.01		1.08	2.87			
AGSIRO60	STN01	347.8m	Bf	S		35.00	44.00	0.22		-38.30	0.01		1.13	2.85			
AGSIRO60	STN01	357.1m	Bf	S		8.00	10.06	1.72		-83.60	0.37		1.15	2.68			
AGSIRO60	STN01	362.2m	Bf	S		18.30	23.00	22.95		-79.30	2.16		1.14	2.71			
AGSIRO61	N2290	1547'	Ta?	BG		20.20	25.39	2.47		51.28	0.21		1.09	2.74			
AGSIRO61	N2290	1626'	Ta?	BG		35.10	44.12	0.47		59.72	0.02		1.07	2.85			
AGSIRO61	N2290	1652'	Ta?	BG		29.60	37.21	0.93		-25.40	0.05		1.07	2.83			
AGSIRO61	N2290	2063'	Ta?	BG		19.10	24.01	0.22		-82.84	0.02		1.03	2.75			
AGSIRO61	N2290	2470'	Ta?	BG		4.36	5.48	5.52		-29.81	2.18		1.12	2.59			
AGSIRO61	N2290	2514'	Ta?	BG		20.30	25.52	1.75		-25.68	0.15		1.13	2.75			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO61	N2290	2904'	Ta?	BG		34.50	43.37	8.63		-73.16	0.43		1.08	2.81			
AGSIRO61	N2290	2956'	Ta?	BG		27.40	34.44	4.62		-61.86	0.29		1.07	2.79			
AGSIRO61	N2290	3402'	Ta?	BG		26.60	33.44	1.81		-22.54	0.12		1.05	2.78			
AGSIRO61	N2290	3425'	Ta?	BG-S		28.70	36.08	2.55		-13.62	0.15		1.09	2.81			
AGSIRO62	N2290	3834'	Ta?	BG		41.10	51.66	76.63		-80.95	3.21		1.06	2.79			
AGSIRO62	N2290	3858'	Ta?	BG		6.94	8.72	1.10		-64.66	0.27		1.18	2.66			
AGSIRO62	N2290	4200'	?	BG		15.00	18.86	0.38		-46.92	0.04		1.07	2.74			
AGSIRO62	N2290	4203'	?	BG		8.18	10.28	4.61		-84.47	0.97		1.08	2.71			
AGSIRO62	N2290	4261'	?	BG		306.00	384.64	2,892.00		-85.70	16.2		1.14	2.86			
AGSIRO62	N2290	4870'	?	BG		38.80	48.77	1.16		-59.36	0.05		1.03	2.89			
AGSIRO62	N2290	4886'	?	BG		27.50	34.57	0.62		-41.08	0.04		1.04	2.83			
AGSIRO62	N2290	5314'	?	BG		19.40	24.39	0.47		-39.55	0.04		1.04	2.79			
AGSIRO62	N2290	5335'	?	BG		24.90	31.30	1.15		-45.90	0.08		3.01	2.83			
AGSIRO62	N2290	5346'	?	BG		49.80	62.60	0.44		-17.67	0.02		3.50	3.02			
AGSIRO63	N2290	5375'	?	BG		23.10	29.04	0.04		-48.10	0.00		1.04	2.79			
AGSIRO63	N2290	5394'	?	BG		23.60	29.67	0.18		-29.71	0.01		1.12	2.83			
AGSIRO63	N2290	5443'	?	BG		34.90	43.87	0.51		-37.99	0.03		1.06	2.90			
AGSIRO63	N2290	5449'	?	BG		51.30	64.48	0.90		-26.54	0.03		1.04	3.02			
AGSIRO63	N2290	5491'	?	BG		29.20	36.70	0.69		-54.19	0.04		1.07	2.84			
AGSIRO63	N2290	5513'	?	BG		5.30	6.66	0.41		-65.11	0.13		1.15	2.70			
AGSIRO63	N2290	5532'	?	BG		15.50	19.48	0.28		-63.08	0.03		1.06	2.76			
AGSIRO63	N2290	5537'	?	BG		18.70	23.51	0.25		-45.31	0.02		1.08	2.81			
AGSIRO63	N2290	5585'	?	BG		24.50	30.80	1.04		-32.53	0.07		1.04	2.86			
AGSIRO63	N2290	5611'	?	BG		13.70	17.22	0.23		-69.56	0.03		1.08	2.76			
AGSIRO64	N2290	5646'	?	BG		15.30	19.23	0.46		-9.67	0.05		1.04	2.76			
AGSIRO64	N2290	5677'	?	BG		51.60	64.86	4.54		83.55	0.15		1.06	2.99			
AGSIRO64	N2290	5695'	?	BG		19.70	24.76	0.56		-30.40	0.05		1.06	2.78			
AGSIRO64	N2290	5733'	?	BG		44.80	56.31	0.10		-85.31	0.00		4.38	2.99			
AGSIRO64	N2290	5740'	?	BG		16.40	20.61	0.07		31.17	0.01		1.06	2.82			
AGSIRO64	N2290	5791'	Ba?	BG		19.80	24.89	0.93		-32.62	0.08		1.09	2.87			
AGSIRO64	N2290	5817'	Ba?B	BG		36.80	46.26	1.34		-21.26	0.06		1.01	2.95			
AGSIRO64	N2290	5823'	Ba?B	BG		25.30	31.80	0.31		-28.78	0.02		1.10	2.94			
AGSIRO64	N2290	5850'	Ba?B	BG		45.60	57.32	8.82		-81.78	0.33		1.03	2.94			
AGSIRO64	N2290	5879'	Ba?B	BG		26.20	32.93	0.17		-67.42	0.01		1.03	2.84			
AGSIRO65	N2290	5917'	Ba?B	BG		11.30	14.20	0.25		-63.94	0.04		1.02	2.73			
AGSIRO65	N2290	5956'	Ba?B	BG		22.70	28.53	0.17		-19.21	0.01		1.04	2.83			
AGSIRO65	N2290	5984'	Ba?B	BG		7.86	9.88	0.78		-50.77	0.17		1.07	2.65			
AGSIRO65	N2290	5997'	Ba?B	BG		26.50	33.31	0.34		-58.95	0.02		1.06	2.85			
AGSIRO65	N2290	6031'	Ba?B	BG		37.00	46.51	0.60		-26.48	0.03		1.02	2.96			
AGSIRO65	N2290	6078'	Bf	BG		36.40	45.75	0.76		-46.04	0.04		2.54	2.92			
AGSIRO65	N2290	6121'	Bf	BG		34.80	43.74	1.45		-45.94	0.07		3.57	2.92			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/C)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO65	N2290	6164'	Bf	BG		18.00	22.63	0.39		-69.29	0.04		1.09	2.78			
AGSIRO65	N2290	6201'	Bf	BG		46.60	58.58	2.02		-17.83	0.07		1.01	3.02			
AGSIRO65	N2290	6219'	Bf	BG		28.10	35.32	0.72		-39.33	0.04		1.04	2.84			
AGSIRO66	N2290	6264'	Bf	BG		29.70	37.33	0.50		-73.68	0.03		1.07	2.86			
AGSIRO66	N2290	6317'	Bf	BG		11.40	14.33	1.21		-69.88	0.18		1.02	2.72			
AGSIRO66	N2290	6354'	Bf	BG		3.71	4.66	2.47		-80.66	1.15		1.04	2.68			
AGSIRO66	N2290	6396'	Bf	BG		37.40	47.01	2.04		-30.14	0.09		1.07	2.93			
AGSIRO66	N2290	6407'	Bf	BG		67.40	84.72	0.98		-61.76	0.03		1.03	3.19			
AGSIRO66	N2290	6437'	Bf	BG		37.10	46.63	0.61		-72.40	0.03		1.02	2.91			
AGSIRO66	N2290	6503'	Bf	BG		46.40	58.32	3.66		-35.50	0.14		1.12	3.00			
AGSIRO66	N2290	6537'	Bf	bif?		118.00	148.33	161.44		-87.88	2.36		1.02	3.35			
AGSIRO66	N2290	6621'	Bh	BG1		65.50	82.33	262.01		-76.02	6.90		1.19	2.84			
AGSIRO66	N2290	6628'	Bh	BG1		505.00	634.79	943.90		-68.54	3.22		1.91	2.79			
AGSIRO67	N2290	6636'	Bh	BG1		36.00	45.25	43.51		-86.82	2.08		1.05	2.78			
AGSIRO67	N2290	6697'	Bh?	BG		165.00	207.41	464.23		78.04	4.85		45.84	2.94			
AGSIRO67	N2290	6723'	Bh?	BG		1,310.00	1,646.67	2,740.80		-65.83	3.61		2.66	3.00			
AGSIRO67	N2290	6751'	Bh?	BG		7,390.00	9,289.23	5,618.00		-57.24	1.31		1.28	2.88			
AGSIRO67	N2290	6752'	Bh?	bif		31,550.00	39,658.35	96,337.00		-73.63	5.26			3.24			
AGSIRO67	N2290	6753'	Bh?	BG		5,210.00	6,548.97	1,036.50		-16.40	0.34		1.51	2.87			
AGSIRO67	N2290	6790'	?	BG-S		136.00	170.95	932.90		-53.05	11.8		1.44	2.91			
AGSIRO67	N2290	6837'	?	S-BG		37.70	47.39	48.03		19.29	2.20		1.05	2.91			
AGSIRO67	N2290	6883'	?	BG-S		30.30	38.09	6.55		-18.04	0.37		1.05	2.88			
AGSIRO67	1760A	2844'	Bf	BG		23.50	29.54	0.48		-55.70	0.04		1.02	2.80			
AGSIRO68	1760A	2868'	Bf	BG		35.10	44.12	0.54		-53.30	0.03		1.02	2.89			
AGSIRO68	1760A	2892'	Bf	BG		37.50	47.14	12.70		-70.50	0.58		1.03	2.92			
AGSIRO68	1760A	2907'	Bf	BG		43.40	54.55	237.26		-83.00	9.43		1.11	2.77			
AGSIRO68	1760A	2950'	Bf	BG		21.20	26.65	1.59		-69.60	0.13		1.06	2.77			
AGSIRO68	1760A	2965'	Bf	BG		21.10	26.52	12.92		-80.20	1.06		1.04	2.74			
AGSIRO68	1760A	2993'	Bf	BG		35.80	45.00	0.78		-51.30	0.04		1.04	2.90			
AGSIRO68	1760A	3003'	Bf	BG		28.00	35.20	48.23		-88.60	2.97		1.10	2.81			
AGSIRO68	1760A	3024'	Bf	BG		41.00	51.54	302.97		-87.50	12.7		1.10	2.84			
AGSIRO68	1760A	3050'	Bf	BG		16.10	20.24	0.79		-81.10	0.08		1.03	2.73			
AGSIRO68	1760A	3063'	Bf	BG		46.50	58.45	453.56		-84.00	16.8		1.13	2.80			
AGSIRO69	1760A	3087'	Bf	rm		25.60	32.18	2.20		-70.90	0.15		1.09	2.80			
AGSIRO69	1760A	3115'	Bf	S		19.50	24.51	6.60		-82.30	0.58		1.02	2.75			
AGSIRO69	1760A	3135'	Bf	S-qb		25.00	31.43	12.21		-77.30	0.84		1.01	2.80			
AGSIRO69	1760A	3156'	Bf	S-BG		23.00	28.91	0.23		-33.70	0.03		1.03	2.79			
AGSIRO69	1760A	3177'	Bf?	BG		20.30	25.52	0.30		-48.50	0.01		1.05	2.79			
AGSIRO69	1760A	3198'	Bf?	BG		36.20	45.50	0.31		-45.30	0.00		1.04	2.92			
AGSIRO69	1760A	3218'	Bf?	BG		46.70	58.70	0.08		-45.30	0.00		1.06	2.93			
AGSIRO69	1760A	3242'	Bf?	BG		36.60	46.01	0.17		-18.50	0.01		1.03	2.92			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT k	(µG/OE) k	(1E-5 SI) k	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO69	1760A	3263'	Bh	BG1	29.40	36.96	0.53			-38.00	0.03		1.03	2.82			
AGSIRO69	1760A	3282'	Bh	BG1	40.30	50.66	10.97			-71.40	0.47		1.02	2.86			
AGSIRO70	1760A	3305'	Bh	S-BG	55.00	69.14	5.08			-83.30	0.16		1.02	2.99			
AGSIRO70	1760A	3327'	Bh	S	64.80	81.45	37.88			-79.60	1.01		1.04	2.99			
AGSIRO70	1760A	3339'	Bh	S	114.00	143.30	4.14			72.70	0.06		1.06	3.26			
AGSIRO70	1760A	3373'	Bh	rBG1	41.00	51.54	1.43			-35.30	0.06		1.08	2.83			
AGSIRO70	1760A	3438'	Bh	rBG	36.60	46.01	33.67			-85.60	1.59		1.05	2.81			
AGSIRO70	1760A	3517'	Bh	BG	16.50	20.74	2.36			-34.00	0.25		1.08	2.74			
AGSIRO70	1760A	3580'	?	rS	30.40	38.21	0.36			-30.40	0.02		1.02	2.86			
AGSIRO70	1760A	3641'	?	rBG	31.00	38.97	2.10			-68.30	0.12		1.04	2.89			
AGSIRO70	1760A	3720'	?	rm	17.50	22.00	0.36			-51.80	0.04		1.03	2.74			
AGSIRO70	1760A	3762'	?	BG	40.30	50.66	0.80			-26.60	0.03		1.03	2.96			
AGSIRO71	1760A	3839'	?	S	15.00	18.86	0.90			-34.20	0.10		1.05	2.73			
AGSIRO71	1760A	3884'	?	BG-S	15.10	18.98	0.73			-50.90	0.08		1.06	2.77			
AGSIRO71	1760A	3959'	?	BG-S	13.90	17.47	0.32			-60.80	0.04		1.13	2.73			
AGSIRO71	1760A	4027'	?	S	21.10	26.52	0.38			-37.90	0.03		1.02	2.75			
AGSIRO71	1760A	4108'	?	S-BG	24.10	30.29	0.37			-18.10	0.03		1.02	2.81			
AGSIRO71	1760A	4172'	?	rBG	14.30	17.98	0.77			-29.80	0.09		1.03	2.74			
AGSIRO71	1760A	4217'	?	S	14.90	18.73	15.55			-70.40	1.80		1.04	2.74			
AGSIRO71	1760A	4300'	?	BG	41.30	51.91	1.46			-34.80	0.06		1.12	2.97			
AGSIRO71	1760A	4376'	?	BG	34.90	43.87	3.76			-51.00	0.19		1.04	2.90			
AGSIRO71	1760A	4417'	?	BG	25.20	31.68	2.20			-21.50	0.15		1.07	2.89			
AGSIRO72	1760A	4459'	?	S	18.80	23.63	5.87			32.00	0.54		1.07	2.75			
AGSIRO72	1760A	4477'	?	S	12.40	15.59	1.06			-68.50	0.15		1.03	2.72			
AGSIRO72	1760A	4504'	?	S-BG	32.30	40.60	1.99			40.30	0.11		1.03	2.82			
AGSIRO72	1760A	4535'	?	BG2	13.30	16.72	2.04			-72.00	0.26		1.12	2.66			
AGSIRO72	1760A	4573'	?	BG-S	84.50	106.22	82.73			-83.30	1.69		1.04	3.16			
AGSIRO72	1760A	4603'	?	BG-S	63.80	80.20	77.32			-37.40	2.09		1.11	2.97			
AGSIRO72	1760A	4625'	?	S-ep	56.00	70.39	297.28			82.70	9.15		1.19	2.82			
AGSIRO72	1760A	4632'	?	S-ep	14.20	17.85	8.63			64.40	1.05		1.04	2.73			
AGSIRO72	1760A	4671'	?	S-ep	22.40	28.16	1.11			-56.60	0.09		1.03	2.76			
AGSIRO72	1760A	4682'	?	S-ep	39.90	50.15	5.29			28.10	0.23		1.06	3.04			
AGSIRO73	1760A	4716'	?	S	14.80	18.60	0.55			-42.10	0.06		1.04	2.74			
AGSIRO73	1760A	4736'	?	BG	53.40	67.12	30.35			-46.70	0.98		1.07	3.06			
AGSIRO73	1760A	4754'	?	BG	41.90	52.67	16.66			-65.80	0.69		1.08	2.86			
AGSIRO73	1760A	4774'	?	S	32.30	40.60	6.17			-69.10	0.33		1.07	2.83			
AGSIRO73	1760A	4800'	?	BG	51.80	65.11	50.08			-55.70	1.67		1.05	2.94			
AGSIRO73	1760A	4826'	?	S-ep	15.80	19.86	5.57			-62.50	0.61		1.07	2.68			
AGSIRO73	1760A	4833'	?	BG	41.10	51.66	12.90			-22.20	0.54		1.04	2.90			
AGSIRO73	1760A	4864'	?	BG	46.00	57.82	18.90			-17.00	0.71		1.02	3.03			
AGSIRO73	1760A	4882'	?	rm	26.40	33.18	1.45			-45.40	0.09		1.04	2.83			

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
AGSIRO73	1760A	4914'	?	IS		35.70	44.87	0.43		-43.40	0.02		1.09	2.95			
AGSIRO74	1760A	4924'	?	BG		36.10	45.38	0.50		-37.20	0.02		1.02	2.97			
AGSIRO74	1760A	4940'	?	S		15.20	19.11	0.31		-48.40	0.03		1.03	2.75			
AGSIRO74	1760A	4976'	?	S		15.80	19.86	0.27		-34.10	0.03		1.04	2.75			
AGSIRO74	1760A	4994'	?	S-BG		27.50	34.57	0.63		-47.40	0.04		1.03	2.78			
AGSIRO74	1760A	5016'	?	S-BG		30.40	38.21	1.42		-69.70	0.08		1.04	2.84			
AGSIRO74	1760A	5037'	?	S-BG		34.30	43.12	0.82		-53.30	0.04		1.06	2.87			
AGSIRO74	1760A	5049'	?	S-BG		27.20	34.19	4.25		-29.70	0.27		1.04	2.82			
AGSIRO74	1760A	5079'	?	S-BG		20.00	25.14	0.33		-63.00	0.03		1.03	2.77			
AGSIRO74	1760A	5103'	Tr	S-BG		44.30	55.69	1.40		-60.90	0.05		1.03	2.95			
AGSIRO74	1760A	5134'	Tr	S-BG		14.60	18.35	1.59		67.20	0.19		1.04	2.72			
AGSIRO75	1760A	5153'	Tr	S-BG		15.80	19.86	3.01		-80.20	0.33		1.04	2.74			
AGSIRO75	1760A	5158'	Tr	S-BG		19.20	24.13	7.38		-81.80	0.66		1.06	2.77			
AGSIRO75	1760A	5195'	Tr	BG-S		58.70	73.79	109.57		-83.40	3.22		1.01	3.11			
AGSIRO75	1760A	5197'	Tr	BG-S		8.30	10.43	3.58		86.80	0.74		1.04	2.70			
AGSIRO75	1760A	5215'	Tr	BG		51.80	65.11	1.90		73.00	0.06		1.03	3.00			
AGSIRO75	1760A	5271'	Tr	BG		66.60	83.72	13.14		-85.30	0.34		1.02	3.10			
AGSIRO75	1760A	5298'	Tr	BG		17.40	21.87	1.71		-78.00	0.17		1.02	2.70			
AGSIRO75	1760A	5339'	Tr	BG		43.00	54.05	3.95		62.20	0.16		1.02	2.91			
AGSIRO75	1760A	5376'	Tr	BG1		2,480.00	3,117.36	7,534.70		-72.40	5.24		2.03	2.76			
AGSIRO75	1760A	5390'	Tr	BG		295.00	370.82	860.75		-84.90	5.03		1.36	2.77			
AGSIRO76	1760A	5419'	Tr	BG		934.00	1,174.04	5,406.30		66.90	9.98		1.76	3.50			
AGSIRO76	1760A	5457'	Tr	BG		67.70	85.10	187.26		55.10	4.77		1.09	3.17			
AGSIRO76	1760A	5496'	Tr	BG		1,460.00	1,835.22	2,670.00		-45.10	3.15		2.23	2.85			
AGSIRO76	1760A	5532'	Tr	BG		5,990.00	7,529.43	10,821.00		86.60	3.11		1.56	2.77			
AGSIRO76	1760A	5541'	Tr	BG		19,093.80	23,757.30	17,624.00		-61.50	1.61		1.30	2.81			
AGSIRO76	1760A	5562'	Tr	BG		8,802.80	10,961.04	18,483.00		-47.80	3.65		2.62	2.96			
AGSIRO76	1760A	5614'	Tr	BG		4,743.30	5,782.20	15,982.00		-36.90	5.99		3.51	2.98			
AGSIRO76	1760A	5653'	Tr	BG		1,860.00	2,338.02	1,460.90		25.60	1.35		1.92	2.81			
AGSIRO76	1760A	5694'	Tr	BG		5,150.00	6,473.55	2,330.30		-44.10	0.78		2.05	2.78			
AGSIRO76	1760A	5714'	Tr	BG		3,510.00	4,412.07	1,782.60		-37.90	0.88		2.66	2.81			
AGSIRO77	1760A	5764'	Tr	BG		2,430.00	3,054.51	1,153.70		-64.00	0.82		1.66	2.72			
AGSIRO77	1760A	5793'	Tr	BG		15.50	19.48	72.00		-22.40	8.01		1.07	2.75			
AGSIRO77	1760A	5836'	Tr	BG		1,930.00	2,426.01	2,709.90		-85.10	2.42		1.38	2.72			
AGSIRO77	1760A	5866'	Tr	BG		696.00	874.87	1,921.40		-52.30	4.76		2.19	2.84			
AGSIRO77	1760A	5905'	Tr	BG1		131.00	164.67	551.35		-79.10	7.26		1.09	2.82			
AGSIRO77	1760A	5946'	Tr	S		9.72	12.22	0.98		-58.40	0.17		1.05	2.71			
AGSIRO77	1760A	5987'	Tr	BG		60.90	76.55	21.51		-88.90	0.61		1.06	3.13			
AGSIRO77	1760A	6023'	Tr	BG		37.20	46.76	2.03		-63.90	0.09		2.90	2.89			
AGSIRO77	1760A	6067'	Tr	BG		29.90	37.58	1.98		75.80	0.11		1.04	3.42			
AGSIRO77	BH1	25'	Th	qm		2,410.00	3,029.37	693.73		-42.89	0.50						

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µg/OE)	k (1E-5 SI)	NRM (µg)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
BH02	OUTCF		Bh	BG1		1,780.00	2,237.46										
BH03	OUTCF		Bh	BG1		158.00	198.61										
BH04	OUTCF		Bh	BG1		53.00	66.62										
BH05	OUTCF		Bh	BG1		36.00	45.25										
BH06	OUTCF		Bh	BG1		35.20	44.25										
BH07	OUTCF		Bh	BG1		29.00	36.45										
BH08	OUTCF		Bh	BG1		41.60	52.29										
BH09	OUTCF		Bh	BG1		63.00	79.19										
BH10	OUTCF		Tr	BG2		27.30	34.32										
BH11	OUTCF		Tr	BG2		17.60	22.12										
BH12	OUTCF		Tr	BG2		13.50	16.97										
BH13	OUTCF		Tr	BG2		9.50	11.94										
BH14	OUTCF		Tr	BG2		23.00	28.91										
BH15	OUTCF		Tr	BG2		29.00	36.45										
BH16	OUTCF		Tr	BG2		15.50	19.48										
BH17	OUTCF		Tr	BG2		15.30	19.23										
BH18	OUTCF		Tr	BG2		18.00	22.63										
BH19	OUTCF		Tc	ax		174.00	218.72										
BH20	OUTCF		S	M+FN		27.00	33.94										
BH21	OUTCF		S	M+FN		35.00	44.00										
BH22	OUTCF		B?	rm		26.00	32.68										
BH23	OUTCF		Bp	bif		18,000.00	22,626.00	15,700.00	25.00	41.00	1.50	Y	1.21				
BH24-1	OUTCF		T?	qf	Wee	1,560.00	1,960.92	30,200.00	303.00	-30.00	33.3	Y	1.17				
BH24-2	OUTCF		T?	qf-fe	Wee	1,810.00	2,275.17	14,400.00	66.00	2.00	13.7	Y	1.01				
BH24-3	OUTCF		T?	qm		14,800.00	18,603.60	350,000.00	313.00	59.00	40.7	Y	1.10				
BH24-4	OUTCF		T?	PI		700.00	879.90	30,500.00	261.00	-47.00	75.1	Y	1.09				
BH24-5	OUTCF		fg?	a		75.00	94.28	310.00	22.00	-77.00	7.13	Y	1.08				
BH24-6	OUTCF		Czf	hmf		35.00	44.00	70.00	15.00	-66.00	3.45	N	1.01				
BH24-7	OUTCF		T?	qm		74,000.00	93,018.00	3,600,000.00	231.00	4.00	83.8	Y	2.30				
BH24-8	OUTCF		Czf	mhf		4,600.00	5,782.20	4,470.00	199.00	-22.00	1.68	Y	1.10				
BH24-9	OUTCF		T?	PI		15.00	18.86	19.00	296.00	78.00	2.18	N	1.19				
BH25	OUTCF		Bh?S	FE		22.00	27.65	1.50	33.00	-59.00	0.12	N					
BH26	OUTCF		Bh?S	FE		23.00	28.91	0.50	317.00	-66.00	0.04	N					
BH27	OUTCF		Bh?S	M		25.00	31.43	3.00	39.00	29.00	0.21	N					
BH28	OUTCF		Bh?S	EM		21.00	26.40	2.70	9.00	-26.00	0.22	N					
BH29	OUTCF		Bh?	M		24.00	30.17	0.20	176.00	87.00	0.01	N					
BH30	OUTCF		Bh?	rm		35.00	44.00	1.80	343.00	-60.00	0.09	N					
BH31	OUTCF		Bf?	E		19.00	23.88	14.50	8.00	-73.00	1.32	N					
BH32	OUTCF		Bf?	M		18.00	22.63	2.60	35.00	-36.00	0.25	N					
BH33	OUTCF		Bf?	E		25.00	31.43	2.30	69.00	-55.00	0.16	N					
BH34	OUTCF		Bf?	S-M		15.00	18.86	6.20	14.00	-62.00	0.71	N					

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
BH35	OUTCF		Bf?	E		32.00	40.22	0.70	246.00	-51.00	0.04	N					
BH36	OUTCF		Bf?B	ES		25.00	31.43	0.50	305.00	-60.00	0.03	N					
BH37	OUTCF		Bf?B	EM-L		21.00	26.40	1.60	0.00	-70.00	0.13	N					
BH38	OUTCF		Bh?S	E		26.00	32.68	2.00	187.00	-27.00	0.13	N					
BH39	OUTCF		Bp?	ag		730.00	917.61	508.00	359.00	-12.00	1.20	N					
BH40	OUTCF		Bp?	bif		30,800.00	38,715.60	32,340.00	227.00	2.00	1.81	N					
BH41	OUTCF		Bh?	Lf		6.00	7.54	0.80	210.00	53.00	0.23						
BH42	OUTCF		Bh?	FM-F		4,900.00	6,159.30	1,330.00	355.00	6.00	0.47						
BH43	OUTCF		Bh?	a		1,960.00	2,463.72	5,050.00	352.00	-3.00	4.44						
BH44	OUTCF		Bh?	a		6,610.00	8,308.77	4,960.00	135.00	25.00	1.29						
BH45	OUTCF		Bh?	a		98.00	123.19	19.00	273.00	40.00	0.33						
BH46	OUTCF		Bh?	rE		18.00	22.63	1.40	141.00	-81.00	0.13						
BH47	OUTCF		Bh?	a		82.00	103.07	0.20	205.00	65.00	0.00						
BH48	OUTCF		S?	M		16.00	20.11	0.05	325.00	-1.00	0.01						
BH49	OUTCF		S?	E-M		27.00	33.94	0.50	249.00	69.00	0.03						
BH50	OUTCF		S?	E		25.00	31.43	0.07	252.00	-54.00	0.00						
BH51	OUTCF		S?	M		32.00	40.22	0.20	13.00	-74.00	0.01						
BH52	OUTCF		S?	M		16.00	20.11	0.30	45.00	-31.00	0.03						
BH53	OUTCF		Bh?	Lq		4.00	5.03	0.50	354.00	-53.00	0.22						
BH54	OUTCF		Ba?	M		24.00	30.17	1.20	30.00	-56.00	0.09						
BH55	OUTCF		Ba?	M		29.00	36.45	0.50	322.00	-59.00	0.03						
BH56	OUTCF		Ba?B	M		25.00	31.43	1.50	296.00	-10.00	0.10						
BH57	OUTCF		Bs?	FE		30.00	37.71	2.70	349.00	-59.00	0.16						
BH58	OUTCF		Bs?	M-E		22.00	27.65	5.20	11.00	-63.00	0.41						
BH59	OUTCF		Bs?	E		20.00	25.14	11.50	10.00	-61.00	0.99						
BH60	OUTCF		Bs?	E		22.00	27.65	9.40	20.00	-61.00	0.74						
BH61	OUTCF		G	G		69.00	86.73	905.00	322.00	-33.00	22.6	Y					
BH62	OUTCF		Bs?	M		25.00	31.43	5.20	357.00	-56.00	0.36						
BH63	OUTCF		Bs?	EM		24.00	30.17	1.70	351.00	-70.00	0.12						
BH64	OUTCF		Bs?	Lf?		8.00	10.06	0.40	7.00	-43.00	0.09						
BH65	OUTCF		S?	E		23.00	28.91	0.60	22.00	-50.00	0.04						
BH66	OUTCF		S?	E		24.00	30.17	3.20	22.00	-61.00	0.23						
BH67	OUTCF		S?	S-M		23.00	28.91	0.70	356.00	-57.00	0.05						
BH68	OUTCF		S?	EM		32.00	40.22	1.00	347.00	-61.00	0.05						
BH69	OUTCF		S?	E		21.00	26.40	0.30	56.00	-85.00	0.02						
BH70	OUTCF		S?	E		13.00	16.34	4.40	155.00	33.00	0.58						
BH71	OUTCF		S?	rm		32.00	40.22	8.80	18.00	-59.00	0.47						
BH72	OUTCF		Bh?	BG?L		38.00	47.77	0.09	333.00	30.00	0.00						
BH73	OUTCF		Bh?	M		32.00	40.22	1.40	12.00	-68.00	0.08						
BH74	OUTCF		Bh?	FM-V		24.00	30.17	0.30	33.00	-59.00	0.02						
BH75	OUTCF		Bh?	FM-V		33.00	41.48	1.00	172.00	45.00	0.05						

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (μG/OE)	k (1E-5 SI)	NRM (μG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
BH117	OUTCF		S	EM		940.00	1,181.58	4,780.00	144.00	30.00	8.77						
BH118	OUTCF		Bs	M		24.00	30.17	27.00	7.00	-67.00	1.94						
BH119	OUTCF		Bs	E		19.00	23.88	44.00	23.00	-64.00	3.99						
BH120	OUTCF		Bs	E													
BH121	OUTCF		Bs	BG		30.00	37.71	9.60	35.00	78.00	0.55						
BH122	OUTCF		Bs	BG		29.00	36.45	4.90	308.00	76.00	0.29						
BH123	OUTCF		Bs	BG		21.00	26.40	1.10	121.00	-71.00	0.09						
BH124	OUTCF		Bs	BG		36.00	45.25	0.40	355.00	-12.00	0.02						
BH125	OUTCF		Bs	a		63.00	79.19	7.30	346.00	-15.00	0.20						
BH126	OUTCF		Bs	ag		58.00	72.91	0.90	63.00	79.00	0.03						
BH127	OUTCF		Bs	Lf		4.00	5.03	0.10	331.00	61.00	0.04						
BH128	OUTCF		Ba	a		94.00	118.16	15.00	231.00	27.00	0.28						
BH129	OUTCF		Ba	a-ax		56.00	70.39	0.70	45.00	-46.00	0.02						
BH130	OUTCF		Ba	a		85.00	106.85	0.50	124.00	35.00	0.01						
BH131	OUTCF		Tc	qf		22.00	27.65	31.00	214.00	35.00	2.43						
BH132	OUTCF		Tc	rM		230.00	289.11	185.00	188.00	-31.00	1.39						
BH133	OUTCF		Tc	E		3,130.00	3,934.41	9,320.00	132.00	-4.00	5.13	Y					
BH134	OUTCF		Tc	Lq		21.00	26.40	1.00	342.00	-27.00	0.08						
BH135	OUTCF		Tc	qf		45.00	56.57	136.00	271.00	-47.00	5.21						
BH136	OUTCF		Ba	a		71.00	89.25	0.07	44.00	-30.00	0.00						
BH137	OUTCF		Bp?	a		93.00	116.90	1.60	47.00	-71.00	0.03						
BH138	OUTCF		Bp?	BG		32.00	40.22	0.30	316.00	-62.00	0.02						
BH139	OUTCF		Bp?	BG		26.00	32.68	0.70	286.00	-45.00	0.05						
BH140	OUTCF		Bf?	Lq		4.00	5.03	0.50	357.00	-47.00	0.22						
BH141	OUTCF		Bf?	rm-rL		7,530.00	9,465.21	18,300.00	232.00	72.00	4.19	Y					
BH142	OUTCF		Bf?	Lq		3.00	3.77	0.20	19.00	-30.00	0.11						
BH143	OUTCF		Bf?	a		29.00	36.45	0.60	350.00	-39.00	0.04						
BMX1-150	BMX1	150m	Tf?Tc	gm-F		8,590.00	10,797.63	941.00	28.00	-59.00	0.19						
BMX1-159	BMX1	159.5m	Tf?Tc	M-qtr		1,290.00	1,621.53	430.00	281.00	-61.00	0.57						
BMX1-180	BMX1	180m	Tf?Tc	FSM		75.00	94.28	18.00	241.00	11.00	0.41						
BMX1-197	BMX1	197m	Tf?Tc	FSMg		35.00	44.00	3.30	76.00	-3.00	0.16						
NR1-92	NR1	92m	Bp	bif-Bc		4,210.00	5,291.97	665.00	227.00	2.00	0.27						
NR1-111	NR1	111m	Bp	SE		200.00	251.40	6.10	194.00	-74.00	0.05						
NR1-160	NR1	160m	Bp	a-ag		87.00	109.36	0.10	248.00	-55.00	0.00						
PT1-10	PT1	10m	Bh?	BG2		26.00	32.68	1.50	274.00	-47.00	0.10						
PT1-17	PT1	17m	Bh?	p-FEI		22.00	27.65	10.40	49.00	43.00	0.82						
PT1-47	PT1	47m	Bh?	rm		8.00	10.06	0.40	253.00	30.00	0.09						
PT1-74	PT1	74m	Bf?	FEMg		22.00	27.65	0.30	43.00	6.00	0.02						
PT1-90	PT1	90m	Bf?	FEMg		32.00	40.22	5.60	71.00	-7.00	0.30						
PT1-100	PT1	100m	Bf?	FEMg		15.00	18.86	0.50	310.00	-55.00	0.06						
PT1-120	PT1	120m	Bf?	FSMg		220.00	276.54	108.00	245.00	68.00	0.85						

SAMPLE	DDH	DEPTH	UNIT	LITH	ALT	k (µG/OE)	k (1E-5 SI)	NRM (µG)	DEC (°)	INC (°)	Q	?	ANISO	D(G/CC)	AMG E(M)	AMG N(M)	RL(M)
PT1-125	PT1	125m	Bf?	E-SE		36.00	45.25	5.10	264.00	2.00	0.24						
PT1-130	PT1	130m	Bf?	E-SE		27.00	33.94	0.04	282.00	-80.00	0.00						
PT1-140	PT1	140m	Bf?	EM		28.00	35.20	0.30	167.00	40.00	0.02						
PT1-155	PT1	155m	Bf?	SE-E		38.00	47.77	0.60	332.00	-7.00	0.03						
PT1-175	PT1	175m	Bf?	SE-E		30.00	37.71	0.10	161.00	-44.00	0.01						
PT1-200	PT1	200m	Bf?	(F)EN		91.00	114.39	57.00	98.00	63.00	1.08						
PT1-230	PT1	230m	Bf?	SE		67.00	84.22	4.20	127.00	61.00	0.11						
PT1-245	PT1	245m	Bf?	SE		15.00	18.86	0.01	74.00	-67.00	0.00						
PT1-260	PT1	260m	Bf?B	FSE		250.00	314.25	598.00	97.00	65.00	4.12						
PT1-272	PT1	272m	Bp?	ag		32.00	40.22	0.20	346.00	25.00	0.01						
PT1-290	PT1	290m	Bp?B	rEM		25.00	31.43	0.03	263.00	18.00	0.00						
TH2-35	TH2	35m	Tc	E		49.00	61.59	0.10	258.00	36.00	0.00						
TH2-96	TH2	96m	Tc	SM		30.00	37.71	1.50	347.00	-71.00	0.09						
TH2-150	TH2	150m	Tc	S		14.00	17.60	2.90	311.00	-53.00	0.36						
TH2-175	TH2	175m	Tc	S		1,640.00	2,061.48	250.00	50.00	-62.00	0.26						
TH2-203	TH2	203.5m	Tc	Bm-E		75.00	94.28	0.10	110.00	12.00	0.00						