UNIVERSITAS
GADJAH MADA
Studi Mineral Alterasi Hidrotermal untuk Mengetahui Karakteristik Fluida Hidrotermal dan Sejarah Termal pada Sumur ZN A dan ZN B Lapangan Panas Bumi ZN, Provinsi Jawa Barat
ZAHROTUN NA'IMAH, Dr. Agung Harijoko, S.T., M.Eng.

Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Agustiningtyas, L., 2007, *Stratigrafi Vulkanik dan Alterasi Hidrotermal Bawah Permukaan Area Panas Bumi Kamojang, Jawa Barat*, Skripsi untuk gelar Sarjana Teknik Geologi di Universitas Gadjah Mada.

Armstead, H dan Christopher, H., 1983, *Geothermal Energy: Its Past, Present and Future Contribution to the Energy Needs of Man*, New York: E & F.N Spoon, Ltd.

Bayliss, P., Berry, L.G., Mrose, M.E., dam Smith D.K., 1980, *Mineral Powder Diffraction File V.1*, Pennsylvania: International Centre Diffraction Data

Bayliss, P., Berry, L.G., Mrose, M.E., dam Smith D.K., 1980, *Mineral Powder Diffraction File V.2*, Pennsylvania: International Centre Diffraction Data

Browne, P.R.L., 1991, *Hydrothermal Alteration and Geothermal Systems*, New Zealand: University of Auckland.

Browne, P.R.L., 1998, *Hydrothermal Alteration*, New Zealand: Geothermal Institute, The University of Auckland.

Chen, P.Y., 1977, *Table of Key Lines in X-Ray Powder Diffraction Patterns of Minerals in Clays and Associated Rocks*, Indiana: Authority of the State of Indiana.

Craig, J.R., dan Vaughan, D.J., 1994, *Ore Microscopy & Ore Petrography*, Virginia: Mineralogical Society of America

Dickson, M.H., dan Fanelli, M., 1995, *Geothermal Energy*, England: John Wiley & Sons Ltd.

Direktorat Panas Bumi., Ditjen EBTKE., Pusat Sumber Daya Mineral, Batubara, dan Panas Bumi., Badan Geologi., 2017, *Potensi Panas Bumi Indonesia Jilid 1*, Ditjen EBTKE dan Badan Geologi, Kementrian ESDM.

Ellis, A dan Mahon., 1977, *Chemistry and Geothermal System*, Orlando, Floride: Academic Press, Inc.

Fauzi, A., Permana, H., Indarto, S., dan Gaffar, E.Z., 2015, Regional Structure Control on Geothermal Systems in West Java, Indonesia, *Proceedings World Geothermal Congress*, pp. 1-14.

Goff, F dan Janik, C.J., 2000, *Geothermal System*, dalam Sigurdsson, Haraldur., Houghton, Bruce, F., Mcnutt, Stephen, R., Rymer, Hazel., dan Stix, John., 2000, *Encyclopedia of Volcanoes*, New York: Academic Press, pp. 817-834.

Grant, M.A., dan Bixley, P.F., 2011, *Geothermal Reservoir Engineering, 2nd Ed*, United Kingdom: Elsevier Inc.

Gribble, C.D., dan Hall, A.J., 1985, *A Practical Introduction to Optical Mineralogy*, London: George Allen & Unwin.

Guilbert, J., dan Park, C., 1986, *The Geology of Ore Deposits*, New York : W.H. Freeman and Co.

Hochstein, M.P., 1990, Classification and Assessment of Geothermal Resources, *Small Geothermal Resources: A Guide to Development and Utilization*, New York: UNITAR, pp. 31-57.

Hochstein, M.P., dan Browne, P.R.L., 2000, *Surface Manifestasions of Geothermal Systems with Volcanic Heat Source*, dalam Sigurdsson, Haraldur., Houghton, Bruce, F., Mcnutt, Stephen, R., Rymer, Hazel., dan

UNIVERSITAS
GADJAH MADA
Studi Mineral Alterasi Hidrotermal untuk Mengetahui Karakteristik Fluida Hidrotermal dan Sejarah Termal pada Sumur ZN A dan ZN B Lapangan Panas Bumi ZN, Provinsi Jawa Barat
ZAHROTUN NA'IMAH, Dr. Agung Harijoko, S.T., M.Eng.

Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Stix, John., 2000, *Encyclopedia of Volcanoes*, New York: Academic Press, pp. 835-855.

Husein, S., 2004, *Physiographic Sketchmap of Java and Madura* (after Van Bemmelen, 1970): http://www.geocities.ws/shddin/Gallery/Gallery.html (diakses 10 Maret 2018).

Jensen, M.L., dan Bateman, A.M., 1981, *Economic Mineral Deposits*, New York: Jhon Wiley & Sons, inc.

Judith, B., Soetomo, H., dan Soekardi, 1981, *Diktat Kuliah Mineral Optik*, Yogyakarta: Pusat Penerbitan Fakultas Teknik Universitas Gadjah Mada.

Kamah, Y., Tavip, D., dan Agus, A.Z., 2003, Penanggulangan Problem Geologi Dalam Operasi Pemboran Sumur Di Blok Timur Area Geothermal Kamojang Jawa Barat Indonesia. *Proceedings of 6th Indonesian Geothermal Association*, pp. 175-184.

Kerr, P.F., 1959, *Optical Mineralogy*, New York: McGraw-Hill Book Company Inc.

MacKenzie, W.S., Donaldson, C.H., Guilford, C., 1982, *Atlas of Igneous Rocks and their Textures*, Hong Kong: Longman Scientific & Technical.

Meyer, C., dan Hemley, J.J., 1967, *Wall Rock Alteration*, dalam Barnes, H.L., 1997, *Geochemistry of hydrothermal ore deposits*, New York: Holt, Rinehart and Winston.

Moore, D.M. dan Reynolds, R.C., 1997, *X-Ray Diffraction and the Identification and Analysis of Clay Minerals*, Oxford: Oxford University Press.

Morrison, K., 1997, *Important Hydrothermal Minerals and Their Significance, Seventh Ed.*, New Zealand: Geothermal and Mineral Services Division, Kingston Morrison Limited.

Mottana, A., Crespi, R., dan Liborio, G., 1978, *Simon & Schuster's Guide To Rocks And Minerals*, New York: Simon & Schuster Inc.

Mulyanto, Aldila, N., Zuhro, A.A., dan Ahmad., 2010, Surface Thermal Manifestation Monitoring of Kamojang Geothermal Field West Java, Indonesia, *Proceedings World Geothermal Congress, Bali, Indonesia*, pp. 1-3.

Nesse, W.D., 2004. *Introduction to Optical Mineralogy*. New York: Oxford University Press.

Nicholson, K., 1993, *Geothermal Fluids Chemistry and Exploration Techniques*, Berlin: Springer Verlag, Inc.

Perkins, D., 2014, *Mineralogy, 3rd Edition*, United Kingdom: Pearson Education Limited.

Pertamina Geothermal Energy, 2011, *Laporan Geologi Sumur Pengembangan "A" Area Geothermal "ZN"*, Laporan Internal PERTAMINA Divisi Panas Bumi. Tidak dipublikasikan.

Pertamina Geothermal Energy, 2012, *Laporan Geologi Sumur Pengembangan "B" Area Geothermal "ZN"*, Laporan Internal PERTAMINA Divisi Panas Bumi. Tidak dipublikasikan.

Pertamina Geothermal Energy, 2015, *Integrating Geothermal Performance for Sustainable Energy*, Laporan Tahunan Terintegrasi.

UNIVERSITAS
GADJAH MADA
Studi Mineral Alterasi Hidrotermal untuk Mengetahui Karakteristik Fluida Hidrotermal dan Sejarah Termal pada Sumur ZN A dan ZN B Lapangan Panas Bumi ZN, Provinsi Jawa Barat
ZAHROTUN NA'IMAH, Dr. Agung Harijoko, S.T., M.Eng.

Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Ramdhani, B.D., Meilano, I., dan Sarsito, D.A., 2016, Deformation Study of Kamojang Geothermal Field, *Proceeding of the 6th International Symposium on Earth Hazard and Disaster Mitigation (IESDM)*, pp. 1-7.

Reyes, A.G., 1990, Petrology of Philippine Geothermal Systems and the Application of Alteration Mineralogy to Their Assessment. *Journal of Volcanology and Geothermal Research*, v. 43, pp. 279-309.

Robert, D., Raharso, R., dan Bastaman S., 1983, Exploration and Development of the Kamojang Geothermal Field, *Proceedings of Indonesian Petroleum Association 12th Annual Convention*, pp. 171-190.

Robert, D., 1987, *Geological Study of the Western Part of the Kawah Kamojang Geothermal Field*, Divisi Panas Bumi PERTAMINA (Internal Report), pp. 89.

Robert, D., 1988, *Subsurface Study on the Optimalization of the Development of the Kamojang Geothermal Field*, Beicip/Geoservices, Divisi Panas Bumi PERTAMINA (Internal Report), pp.47.

Simmons, S.F., dan Christenson, B.W., 1994, Origins of Calcite in a Boiling Geothermal System, *American Journal of Science*, v. 294, pp. 361-400.

Stimac, J., Goff, F., dan Goff, C.J., 2015, Intrusion-Related Geothermal Systems, dalam Sigurdsson, Haraldur., Houghton, Bruce, F., Mcnutt, Stephen, R., Rymer, Hazel., dan Stix, John., 2015, *The Encyclopedia of Volcanoes, 2nd Edition*, New York: Academic Press, pp. 799-822.

Tim Pokja PGE, 2000, *Kamojang Geothermal Prospec and Development Strategy*, Divisi Panas Bumi PERTAMINA (Internal Report).

USGS, 2011, *ASTER GDEM:* www.earthexplorer.usgs.gov (diakses 8 Januari 2018)

Utami, P., dan Browne P.R.L., 1999, Subsurface Hydrothermal Alteration in the Kamojang Geothermal Field, West Java, Indonesia, *Proceedings 24th Workshop on Geothermal Reservoir Engineering, Stanford University, Stanford, California, SGP-TR-162*, pp. 1-6.

Utami, P., 2000, Characteristics of the Kamojang Geothermal Reservoir (West Java) as Revealed by its Hydrothermal Alteration Mineralogy, *Proceedings World Geothermal Congress 2000, Kyushu-Tohoku, Japan*, pp. 1921-1926.

Van Bemmelen, R. W., 1949, *The Geologi of Indonsia, v. 1A*, Batavia: The Haque.

White, N, 1996, *Hydrothermal Alteration in Porphyry Copper System*, Unpublished.

Wijaya, G.H., Angga., Wisnu., Annas., Roby., Diego., Neni., dan Ade., 2010, Interpretation of Subsurface on Geothermal Kamojang Field West-Java using AMT, *SEG Denver 2010 Annual Meeting*, pp. 1091-1094.

Wohletz, K dan Heiken, G., 1992, *Volcanology and Geothermal Energy*, England: University of California Press

Yohana, V., Rosana, M.F., Haryanto, A.D., dan Koestono, H., 2017, Zona Alterasi Hidrotermal pada Sumur Penelitian "VY 2", Lapangan Kamojang, Jawa Barat, Indonesia, *Padjajaran Geoscience Journal*, v. 1, no. 2, pp 164-171.

UNIVERSITAS
GADJAH MADA
Studi Mineral Alterasi Hidrotermal untuk Mengetahui Karakteristik Fluida Hidrotermal dan Sejarah Termal pada Sumur ZN A dan ZN B Lapangan Panas Bumi ZN, Provinsi Jawa Barat
ZAHROTUN NA'IMAH, Dr. Agung Harijoko, S.T., M.Eng.

Universitas Gadjah Mada, 2018 | Diunduh dari http://etd.repository.ugm.ac.id/

Yudiantoro, D.F., Suparka, E., Takashima, I., Ishiyama, D., dan Kamah, Y., 2012, Alteration and Lithogeochemistry of Altered Rocks at Well KMJ-49 Kamojang Geothermal Field, West Java, Indonesia, *International Journal Environmental Geology*, v. 3, pp. 21-32.

Yudiantoro, D.F., Suparka, E., dan Yuwono, S., 2013, Interstratified Illite/Montmorillonite in Kamojang Geothermal Field, Indonesia, *Indonesian Journal of Geology,* v. 4, pp. 177-183.